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WM. EVANS

1895

ANNUAL SEED LIST

MONTREAL

1895.

To my Friends and Patrons.

IN compiling this issue of my Catalogue I have endeavored, as far as possible, to bring it abreast the times. New Varieties of vegetables, flowers and grain are continually being introed; many of these are improvements in some respects on the old kinds, either in earliness ıctiveness, or in quality; in some respects the advantage may be only fancied; old things onally re-appear under new names with enhanced prices, but I aim to keep in stock what my ıs demand, and so we have to eliminate many things that are old and introduce many that w.

ink my friends will be satisfied that I have sought to meet their wishes in these respects, ıst they will find in this New List everything that they require for the garden, farm, or ıse; but I shall gladly endeavour to procure for my customers anything that is necessary cultures but that may not be found in my catalogue.

SEEDS BY MAIL.

Flower and vegetable seeds in small papers will be mailed postpaid to all parts of Canada and the United States at the prices quoted in this catalogue.

Parcels of seeds not over five lbs. in weight can be forwarded to any Post Office in the Dominion or the United States, at four cents per pound. Where large Parcels are required, they can be forwarded by freight or express to any station, without disappointment or loss.

Parties at a distance desirous of trying seeds offered by me are invited to send their orders direct to the House, or to the nearest merchant who sells my seeds. Ask for Wm. Evans' seeds and take no others.

HINTS TO CUSTOMERS ORDERING GOODS.

Correspondents are requested to write their name and P. O. address very distinctly with every order, and to indicate the exact manner in which they wish the shipment of goods to be made, whether by **Mail, Express**, or **Freight**, by Rail or by Boat, and the Station to which the goods are to be sent. When these instructions are omitted or are insufficient, I shall ship by the route that appears to me the most advantageous for my customers, at their risk. But, while declining all responsibility after the goods have been shipped, I shall always be glad to help my friends to trace and forward strayed shipments and to substantiate their claims for damages in case of injury to goods. Send in your orders as early as possible The favor of your kind recommendation of the House to those of your friends requiring Seeds for the Garden or Farm is respectfully requested.

Any one to whom this catalogue may be addressed and who may not require it, will oblige the sender by handing it to some neighbor who may want to order Seeds.

In making out this Vegetable Seed List, which will be found very complete, I have appended a few brief hints on the sowing and general cultivation of the different varieties.

The early maturity of many vegetables is of great importance to the cultivators; and for the promotion of this object it is necessary to start them in hot beds very early in the spring; the trouble is not very great and much time is saved.

WILLIAM EVANS' Order Sheet for Seeds, &c.

Warehouses: 89 91 & 93 McGill Street,

and 104, 106 & 108 Foundling Street, MONTREAL.

No......

Mr. WM. EVANS, Montreal.

SIR,—*Please furnish the Garden and Flower Seeds named below at the prices appended and forward same by Express to*.....*Station, Province*.....

I hereby agree to accept same and pay amount of Invoice and Express charges on delivery.

While I exercise the greatest care to have all Seeds pure and reliable I wish it to be particularly understood, that I give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any Seed I send out, and I will not be in any way responsible for the crop. All Seeds bought from me, must be accepted on these conditions.

WM. EVANS.

.....189

Signature.....

N. B.—Parties paying cash on giving order will have all Vegetable and Flower Seeds sent by Mail or Express free of charge.

P. O. Address.....

Quantity.	ARTICLES.	Price.	Amount.

Novelties and varieties of merit for 1895.

MAGDEBURG.

CABBAGE. Danish Amager. This is a large round winter cabbage and comes well recommended. It is said to be a very long keeper. In this respect excelling all others. 25c. per oz., per pkt 5c.

Magdeburg. This is a very large flat winter cabbage, of fine quality, that is extensively grown in Germany and used for making *sauer kraut.* It is a long keeper. 25c. per oz. Per pkt 5c.

Charleston Wakefield. A large improved form of the Jersey Wakefield, that will be specially valuable for marketing. Per pkt. 10c., per oz. 30c.

Surehead. A splendid second early market cabbage. It heads up perfectly without a single blank. Per pkt 5c., per oz. 20c.

BEAN, Horticultural Lima. A new hybrid climbing bean, partaking of the good qualities of both the parents and is highly recommended by the originator. Per lb. 25c

CARROT. Giant intermediate yellow. This is a very heavy cropper, and of fine quality for the table. It will also be largely grown for stock, owing to its enormous bearing and good quality. Per lb. 75c.

CUCUM ER Everbearing. This fine new variety begins to bear early and continues till late in the season. Per pkt 10c.

Japanese Climbing. This as its name states is a climber and comes well recommended as to quality and productiveness. Per pkt. 15c.

KOHL-RABI, Goliath, purple top. This new kind is of extraordinary size, often reachin 18 to 20 lbs. in weight. Per pkt 5c., per oz. 20c., per lb. $1.00.

LETTUCE, The Deacon. This new American variety bears fine large heads of superb quality; within, it is cream yellow, and is of delicious rich buttery flavor. Per pkt 10c., per oz. 25c.

Forcing Emperor. Yellow, the earliest, for forcing only, a very fine variety for this purpose. Per pkt 15c., per oz. 25c.

Butter Cup. Heads bright citron yellow, solid, does not readily go to seed. Very best quality. Per pkt 10c., per oz. 25c.

Large Yellow Market, new, particularly tender, crisp and sweet; heads large, firm, light greenish yellow ; forms quickly and is very hardy. Per pkt 10c., per oz. 25c.

Golden ball of very superior quality, firm, compact heads, crisp, tender and sweet. Per pkt 10c., per oz. 25c.

CARROT GIANT INTERMEDIATE YELLOW.

EMERALD GEM.

MELON, Emerald Gem. An unusually rich flavored deep fleshed melon, sweet and luscious, very prolific hardy and thrifty. Per pkt 10c.

Water melon, Evans' early. This is the earliest large water melon, and is of very superior quality. The flesh is bright red and very sweet. This sort will undoubtedly take the first place. Per pkt 10c.,

MUSTARD Giant Chinese. This new plant will probably come into extensive use for early greens. It is of fine flavor and of very rapid growth and reaches a large size, quite early. Per pkt 5c., per oz. 10c.

RADISH, White Russian. A very large winter radish of good quality that keeps well. Per pkt 10c., per oz. 20c.

SPINACH, Carter's Victoria. New, a large leaved kind that stands well and is of the very best quality. Per oz. 10c., per lb. 40c.

TOMATOES. Landreth's Hybrids. This is a new race entirely, of unusual shapes and colors that are exceedingly interesting. They are of a great variety of tints, yellow, pink, scarlet, purple, striped and clouded in a peculiar manner. Per pkt 30c.

Fordhook First. This is one of the best Tomatoes ever raised. It is early, ripens uniformly, and is very productive. The quality is all that can be desired. Per pkt 10c., per oz. 40c.

LANDRETH'S HYBRIDS.

SWEDISH TURNIP BUDLONG.

TOMATOES, Matchless. In beauty of coloring and symmetry of form, this sort deserves its name. The fruit is of the largest size, of the richest cardinal red and of perfect quality Per pkt 10c., per oz. 40c.

Chemin. A new French Tomato, rather small, but very early and productive; of best quality. Per pkt 10c., per oz. 35c.

Golden Queen. The finest yellow Tomato, of good size, smooth, beautiful tint of yellow and delicious flavor. Per pkt 10c., per oz. 35c.

TURNIP. Yellow Finland. A small yellow early sort of fine quality. Per oz. 10c., per lb. 50c.

Swedish Turnip, Budlong. White fleshed, sweet, remarkable for its nutritious quality and long keeping properties. Per oz. 10c., per lb. 40c.

MANGEL WURTZEL, Giant Yellow intermediate. An exceedingly heavy cropper, and of superior quality. Per lb. 30c.

BULBS FOR SPRING PLANTING.

(IN STOCK IN APRIL.)

DIELYTRA SPECTABILIS ALBA—pure white.

Begonias, Tuberous, single and double flowering, dry roots.....15c upwards

Caladium, Esculentum, large fine roots..15c. to 25c.

" **Fancy,** fine named varieties...25c. upwards.

Cannas, dry roots, in variety.....15c. each.

Dielytra Spectabilis Bleeding heart....25c. "

" " WHITE FLOWERED, NEW..50c. "

" " STRIPED FOLIAGE, NEW..50c. "

Dahlias, named sorts.....25c. "

Gladioli, fine named sorts.....10c. upwards.

" in fine mixture..... 5c. each.

Iris German, in several fine kinds.....10c. "

" **Japan,** in several fine kinds.....25c. "

Japan Day Lilies, fragrant, a clear yellow.25c. "

Lilies, for outdoor planting..... 15c. to 25c. ea.

Lily of the Valley, clumps..... .25c. each.

Paeonies, in 25 distinct varieties.....25c. to 50c.

Spireas, several fine kinds.....25c. each.

Tuberoses, Pearl.....10c.

" Albino.....15c.

JAPANESE DAY LILY—clear yellow sweet.

And other plants in great variety, in May.

HYACINTHS — TULIPS — CROCUS, &c.

All for planting in September. Catalogues in August.

WM. EVANS'

GENERAL LIST OF

Standard Vegetable Seeds.

In this division of my Catalogue will be found everything really desirable in vegetables, old kinds and new. While many old things have been discarded, useful varieties have been retained and new varieties, having specially valuable features, have been added.

Market gardeners and all who use seeds in large quantities will find it to their advantage to write for special quotations.

Seeds put up in lithographed papers up to ounces will be sent post free, all others will be charged at the rate of four cents per lb. postage. Up to 5 lbs. can be sent by mail in one package. If no directions are given with the order as to shipment, I will send goods in the manner I believe to be of most advantage to my customers.

ARTICHOKE Large Green Laon or Paris.—Price, pkt. 10c., oz. 40c.

" **Jerusalem,** tubers. Per peck 75c., per bus. $2.00.

Connover's Co'ossal.

ASPARAGUS.

Culture.—Sow the seed as early as the ground may be ready, about one inch deep, and when sufficiently advanced, thin the plants to six inches apart, when a year old, plant two feet apart, both ways, in small gardens; in large plantations where a horse is required to cultivate, the rows should be 3 feet apart, with plants two feet apart in the row.

Argenteuil, early, one of the finest varieties, of large size and fine flavor. Per pkt. 5c., oz. 10c, 2 oz. 15c., ¼ lb. 30c, lb $1.00.

Connover's Colossal, a well known and widely cultivated variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Evans' A. I., most productive, begins to bear early and continues bearing a long time. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50

Asparagus is one of our earliest vegetables and one of the most easily grown, and as its delicious qualities, are so well known, it ought to have a place in every garden, however small.

The ground for Asparagus should be thoroughly prepared and made as rich as possible at the first. A cool moist rather sandy soil is what suits Asparagus best; though it succeeds in any good garden soil. A good heavy annual dressing of salt in the fall with some coarse manure that may be raked off in spring, will be amply repaid by the increased yield. A bed of a hundred plants will furnish a supply for an ordinary family.

BEANS.

FRENCH OR KIDNEY.

As French beans are sensitive to cold, they should not be sown before the ground is quite warm, consequently not before the middle of May, except in very sheltered positions. Culture; sow in small gardens in rows two feet apart and three inches apart in the row. As a field crop the rows should be 27 to 30 inches apart and the plants 4 to 6 inches apart. Frequent cultivation is necessary. For a continuous supply of green beans frequent sowings should be made at intervals of a few days.

DWARF OR BUSH BEANS.

Evans' extra early market. Per pkt. 5c., lb. 20c., peck $2.00.

Early China, an old well known sort, one of the best for general crop. Per pkt. 5c., lb. 15c., peck $1.50.

Early Yellow six weeks, very early and productive. Per pkt. 5c., lb. 15c., peck $1.50.

Early Long Yellow six weeks, an old standard variety. Per pkt. 5c., lb. 15c., peck $1.50

Early Round Pod Valentine, earliest, very productive. Per pkt. 5c., lb. 15c., peck $1.50.

Horticultural Dwarf, valuable both as a string and shell bean, one of the best. Per pkt 5c., lb. 15c., peck $1.50.

Improved Golden Wax or Butter, very prolific, tender and delicious. Per pkt. 5c., lb. 15c., peck $2.00.

Black Butter or Wax, the oldest of the butter beans, good. Per pkt. 5c., lb. 15c., peck $2 00

White Butter or Wax, pods white, tender and well filled. Per pkt. 5c., lb. 15c., peck $2.00.

Rustproof Butter or Wax, new, and one of the best. Per pkt. 5c., lb. 15c., peck $2.00.

Wardwell's Butter or Wax, very long flat pods sweet and tender. Per pkt. 5c., lb. 20c, peck $2.25.

Refugee or 1000 to one, green round pod, the best pickling kind. Per pkt. 5c., lb. 15c., peck $1.50.

Boston Baking, very productive, free from rust; string bean or shelled, thin skinned and tender. Per pkt. 5c., lb. 15c, peck $1.50.

Yosemite Mammoth Wax, new, very productive, bearing immensly large, clear yellow, fleshy pods, that keep their fine qualities, till almost ripe. Per pkt. 5c., lb. 25c.

POLE OR RUNNING BEANS.

Butter, Black or Indian Chief, long clear yellow pods, excellent. Per pkt. 5c, lb. 20c., peck $2.50.

Mont d'Or, this fine sort begins to bear early and continues in bearing a long time, tender and delicious. Per pkt 5c., lb. 25c, peck $3.00.

Horticultural, an old but very popular sort that can hardly be beaten by the newest. Per pkt. 5c., lb. 20c., peck $2.50.

White Case-Knife, very fine, early and productive. Per pkt. 5c., lb. 20c., peck $2.50.

Asparagus, very long fleshy pods. Per pkt. 10c., lb. 50c.

Scarlet Runners, this cannot be surpassed as an ornamental climber. Per pkt. 5c., lb. 20c.

Painted Lady, this is a light colored variety of the Scarlet Runner, the upper petals or wings are a light rose and the standard a soft scarlet, a free grower and bloomer. Per pkt. 5c., lb. 20c.

Mammoth White Runners, a pure white scarlet runner. Per pkt. 5c., lb. 20c,

Lima large late, one of the finest of all beans, but requires a sheltered position and a long season. Per pkt. 5c., lb. 25c

Lima Dreer's Early, smaller, earlier and hardier than Lima. Per pkt. 5c., lb. 20c.

" **Horticultural Everbearing,** New. See novelties Per pkt. 10c., lb. 30c.

Field Beans, see page 5.

BEET ROOT.

TABLE VARIETIES.

EVANS' MEDIUM BLOOD

Egyptian Turnip Rooted. — The earliest sort, tender and sweet. Pkt. 5c., oz. 10c, 2 oz. 15c., ¼ lb. 25c., lb. 65c.

Extra Early Turnip.—Dark red, sweet, excellent. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 60.

Eclipse blood.— Perfectly smooth and round, well flavored. Pkt. 5c., oz. 10c., 2 oz., 15c., ¼ lb. 25c., lb. 65c.

Evans' Medium.—Long red. A favorite with the market gardeners, smooth, very dark red, sweet, tender. Pkt. 10 , oz. 15c., 2 oz 25c., ¼ lb. 40c., lb. $1.50.

Carter's Perfection.—Of small size, with short top and dark foliage, sweet, with delicate texture, one of the best for home use. Pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 50c., lb. $2.00.

Dell's superb black.—Equally valuable as an ornamental plant and a delicious vegetable. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.00.

Evans' long smooth.—Blood, excellent in every respect. Pkt. 5c., oz. 25c., 2 oz. 40c , ¼ lb. 75c., lb. $2.00.

SUGAR BEET FOR FIELD CULTURE.

Green top.—Fine old variety. ¼ lb. 10c., 1 lb. 30c. 10 lbs. 27c.

Red top.—Much used for stock feeding. ¼ lb. 10c., lb. 30c , 10 lbs. 27c.

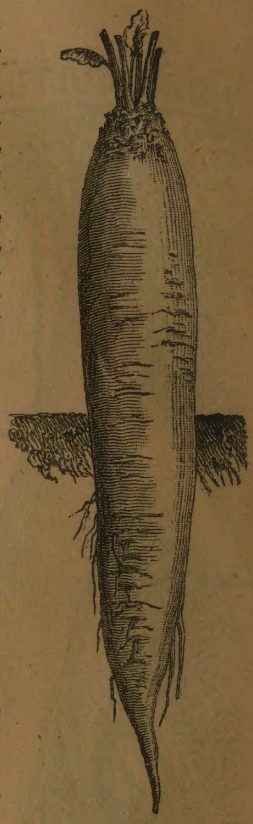
Vilmorin's Imperial French improved—rich in sugar, the best. ¼ lb. 20c., lb. 60c.

—o—

Swiss Chard. — Scarlet and white, distinct sorts. Pkt. 5c.

—o—

Brocoli.—See Cauliflower.



LONG SMOOTH BLOOD.

CABBAGES.

EARLIEST.

Express.—very early, may be planted closely. Pkt. 5c., oz. 30c., 2 oz. 60c , ¼ lb., $1.00, lb. $3.00.

Etampes.—Very early, solid heads, excellent. Pkt. 5c , oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb $2.00.

Extra early Paris Market.—Solid heads of good size. Pkt. 5c., oz. 30c., 2 oz. 60c., ¼ lb. $1.00, lb. $3.00.

Jersey Wakefield.—Fine market sort. Pkt. 5c., oz. 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3 00.

SECOND EARLY.

Large York.—An old standard kind. Pkt. 5c., oz. 20c., 2 oz 35c., ¼ lb. 60c., lb. $2.00.

Large Oxheart.—Medium early, large solid heads. Pkt. 5c., oz., 30c., 2 oz. 50c., ¼ lb. 80c., lb. $3.00.

Winningstadt.—Fine old kind, solid, well flavored. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

EXTRA EARLY PARIS MARKET.

CABBAGES—Continued.

HENDERSON'S EARLY SUMMER.

EXTRA EARLY EXPRESS.

Henderson's summer.—Fine succession sort. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb $2.00.

Evans' Montreal Market.—one of the best second early kinds, fine large solid heads. Pkt. 10c., oz. 30c., 2 oz. 50c., ¼ lb 80c., lb. $3.00.

Premium Flat Dutch.—Large. medium early, of superior quality. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Fottler's Drumhead.—Early hard heading variety. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 70c., lb. $2.50

WINTER.

Flat Dutch.—Large late sort, main crop, large solid heads. Pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00

EXTRA EARLY ETAMPES

St Denis Drumhead.—One of the best winter kinds. Pkt 5c., oz. 25c., 2 oz. 40c., ¼ lb. 80c., lb. $3.00.

Large Brunswick short-stemmed —Excellent winter kind. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 70., lb. $2.50.

Autumn King.—Enormous solid heads, splendid keeper. Pkt. 5c., oz. 25c , 2 oz. 40c., ¼ lb. 80c., lb. $3,00.

Marblehead Mammoth. — The largest of all cabbages. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

LARGE OXHEART.

RED CABBAGES—For pickling only.

EVANS MONTREAL MARKET.

Early Dutch.—Will keep till late, very solid heads. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Early Erfurt.—may be planted much later than the Dutch Pkt. 5., oz. 20c., 2 oz. 35c., ¼ lb. 6 c , lb. $2.00.

Drumhead.—Large late kind. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb 60c., lb. $2.00.

Mammoth Rock.—The heads will average 12 lbs. Pkt. 5c., oz. 30c., 2 oz., 55c., ¼ lb. $1.00, lb. $3.50.

Cabbage and Cauliflower seed, when these vegetables are required for early use, should be sown about the middle of march in hot-beds in rows four inches apart, and to make strong plants, should be thinned out and pricked into another hot bed, or if the plants are not required they may be thrown away. On every possible occasion, the beds should be opened in order to give all the air possible to render the plants stout and stocky. Plants of this character, will, when planted early in May make a good stand and a satisfactory start and growth. Early varieties may be planted two feet apart or less. Late sorts require two and a half feet between the plants. Repeated cultivation with the hoe, keeping the ground loose and moist, will insure a good vigorous growth. The ground can hardly be made too rich for cabbages and cauliflowers.

EARLY JERSEY.

CABBAGES—Continued.

DRUMHEAD SAVOY.

SAVOY.

Early Golden Yellow.—Well flavored sort. Per pkt. 5c, oz. 35c, 2 oz. 60c., ¼ lb. $1.00, lb. $3.00.

Extra Early.—Small, early, excellent. Per pkt. 5c., oz 35c., 2 oz., 60c., ¼ lb. $1.00, lb. $3.50.

Early Paris.—One of the best for main crop Per pkt. 5c., oz. 25c, 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Large Vertus Drumhead.—Very large, keeps well. Per pkt. 5c., oz. 25c, 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

EARLY PARIS SAVOY.

BORECOLE OR KALE.

Carter's Improved Garnishing.—Tinted laced and fringed Per pkt 10c, oz. 25c.

Green Curled Scotch.—The best for general use. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c.

Dwarf Green Curled.—German greens. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb 40c

Brussels Sprouts.—Improved dwarf, very fine. Pkt 5c, oz. 20c., 2 oz. 35c. ¼ lb. 60c., lb. $2.00.

ST DENIS.

LARGE FLAT BRUNSWICK.

CARROTS.

LONG ORANGE.

Earliest Paris Forcing.—Small, almost globe shaped, deep orange red color, crisp and sweet. Per pkt. 5c, oz. 10c., 2 oz., 20c., ¼ lb. 40c., lb. $1.25.

Early Horn.—An early and profitable sort for the garden. Per pkt. 5c., oz. 10c, 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Chantenay.—A hardy, half long, red carrot of fine regular form and sweet nutty flavor, very productive. Per pkt. 5c., oz 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Danvers.—A handsome well shaped medium length carrot, of good size, rich orange color and fine texture. Per pkt. 5c., oz. 10c, 2 oz 15c., ¼ lb 30c., lb. $1.00.

Guerande or Oxheart.—Intermediate in size and shape between the Early Horn and half-long sorts. In color and quality all that can be desired. Per pkt. 5c, oz. 10c., 2 oz. 20c., ¼ lb. 40c., lb. $1.25.

Nantes.—One of the best quality, and a most useful sort for every purpose. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Scarlet Altringham.—A fine old kind, deep red, sweet. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

St Valery.—The perfection of form, size and color. For main crop, this will supersede all others. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Long Orange.—Standard kind for table or stock. Pkt 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

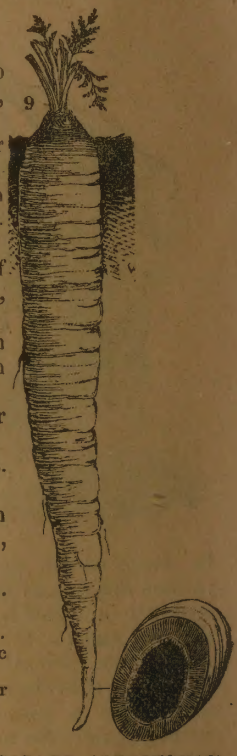
White Belgian.—Largest Field variety. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 40c.

" **Orthe.**—Half-long, white, fine sort. Pkt 5c, oz. 10c., ¼ lb. 20c., lb. 50c

" **Vosges.**— " " Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

" **Evans'.**— " the standard of perfection of a field carrot. Per pkt. 5c., oz. 10c, ¼ lb. 20c., lb. 60c.

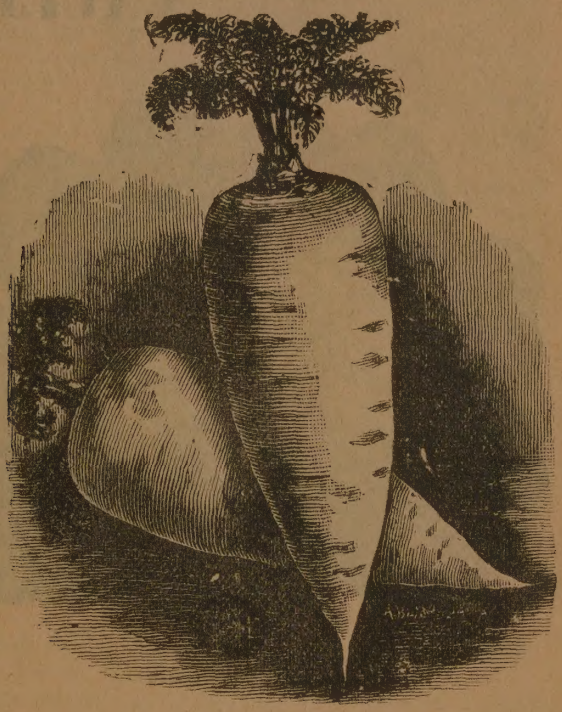
YELLOW INTERMEDIATE, see novelties.



SCARLET ALTRINGHAM

CARROTS—Continued.

ST. VALERY.



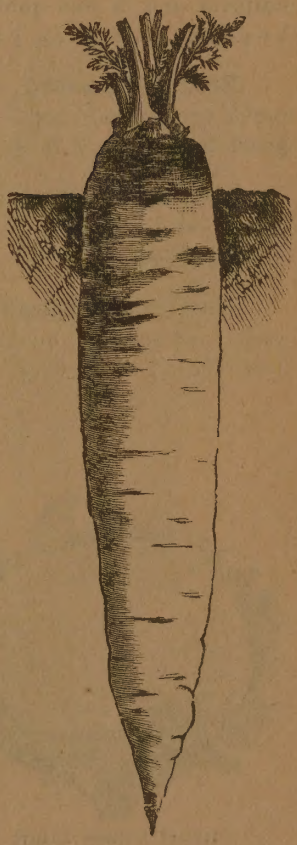
EVANS' HALF-LONG WHITE.

LONG ORANGE.

GUERANDE.

EARLY HALF-LONG

NANTES.



WHITE BELGIAN.

CAULIFLOWER.

EVANS' BEAUTY.

Evans' Beauty, Early, a very early, pure white, delicious kind, this is considered the best for private gardens and is also a favorite with the market gardeners. Pkt. 50c., ¼ oz. $2.75, ½ oz. $5.00.

Early Snowball, an extra early, fine heading kind, unsurpassed for beauty and flavor. Pkt. 25c., ½ oz. $1.75, 1 oz. $3.00, 2 oz. $5.50, ¼ lb. $10.00.

Early Erfurt Dwarf Earliest, the earliest of all, medium sized, fine white solid heads. Pkt 25c., ½ oz. $1.75, 1 oz. $3.00, 2 oz. $5.50, ¼ lb. $10.00.

Early Erfurt, very dwarf small-leaved the best sort for forcing, the most popular on the Montreal market. Pkt. 20c., ½ oz. $1.75, 1 oz. $3.00, 2 oz. $5.50, ¼ lb. $10.00.

Early Paris, an old well known variety, very uniform and of fine quality. Pkt. 10c.; ½ oz. 60c., 1 oz. $1.00, 2 oz. $1.75, ¼ lb. $3 00.

Erfurt Standard, this fine kind has no superior for general crop. Pkt. 20c., ½oz. $1.25, 1 oz. $2.00, 2 oz. $3.50, ¼ lb. $6.50.

Half Early Paris, a second early variety, one of the best. Pkt. 10c., ½ oz. 60c., 1 oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Half-Early Large White French, a large variety of superior quality. Pkt. 10c., ½ oz. 35c., 1 oz. 60c., 2 oz. $1.00, ¼ lb. $2.00.

EXTRA EARLY ERFURT.

Dwarf earliest Erfurt.

Lenormand Short-stemmed, an extra large late variety, with large, well formed creamy white heads. Pkt. 10c., ½ oz. 60c., 1 oz. $1.00, 2 oz $1.75, ¼ lb. $3.00.

Large Late Algiers, this valuable variety produces magnificent heads, large, white, compact. Pkt. 10c., ½ oz. 60c., 1 oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Late Asiatic, a very distinct sort with large beautiful heads. Pkt 10c., ½ oz. 60c., 1 oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

CELERY.

DWARF WHITE SOLID.

White, Boston Market, a very popular sort in the Boston market, a vigorous dwarf branching grower, remarkably tender and crisp, an excellent keeper. Pkt. 5c. oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2 00.

White Giant Paschal, of beautiful creamy tint, and strong growth with thick, solid, crisp stalks, and delicious nutty flavor, absolutely free from any bitterness, an excellent shipper, retaining its fresh appearance a long time. Pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00

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WHITE PLUME.

White, Dwarf Large-Ribbed Solid, of short compact habit, solid crisp and juicy, keep later in th season than any other. Pkt. 5c., 1 oz. 20c, 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

White, Kalamazoo, a perfectly distinct variety of large size and quick growth, of a beautiful creamy white tint throughout, very solid crisp and delicious flavor Pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

White Plume, feathery, white, early, of fine navor, a favorite kind. Pkt 5c., 1 oz. 30c, 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

BOSTON MARKET.

Yellow, Paris Golden Large Solid, the whole plant is of an attractive yellowish green, paler towards the heart which is of a full ivory tint. It reaches a good size, is tender crisp and solid, beautiful and of excellent quality. Pkt. 10c., oz. 60c, 2 oz. $1.00, ¼ lb. $1.75, lb. $6 00.

Yellow, Golden Heart, a very distinct variety of medium size, and solid substance waxy white when blanched; though only medium in length, it is large and full, tender, crisp and nutty, valuable for the market and for private use. Pkt. 5c. ½ oz. 20c., oz. 35c., ¼ lb. 60c., lb. $2.00.

GIANT PASCHAL.

Red, Incomparable Dwarf Crimson, of very dwarf habit, but vigorous growth; an exceedingly solid variety, tender, sweet, and free from stringiness, of beautiful deep crimson tint, the handsomest of the red kinds. Pkt. 5c., 1 oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Red, Giant Purple Solid, of large size and firm robust growth, the stalks are thick and crisp and free from stringiness, one of the largest and best varieties for main crop. Pkt. 5c., oz. 20c., 2 oz. 35c. ¼ lb 60c, lb $2.00.

CELERIAC, TURNIP-ROOTED CELERY.

CELERIAC.

Turnip-rooted Celery, this is a most delicious vegetable that is not sufficiently appreciated. Unlike the ordinary Celery, it is the root rather then the leaf-stalk that is developed, and is of very sweet nutty flavor, entirely free from bitterness; like the celery plant it requires a rich soil and thorough cultivation. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00

CHERVIL.

The leaves of this plant are aromatic and are used in seasoning and in salads.

Curled, early vigorous and productive. It is very pretty and ornamental and may be used like parsley for the decoration of many dishes. Pkt. 5c., oz. 20c, 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Plain, like the curled in every respect except that the leaf is plain and the flavor is more pronounced. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.00.

Tuberous, it is the root of this variety that is used and that is the object of cultivation. It is like a very small early horn carrot, but is white. It requires a good rich soil and clean cultivation. As soon as the leaves begin to turn yellow in the end of summer the roots should be taken up, but should not be used for some time, as they gain in tenderness and sweetness, when kept in a cool airy place They keep easily throughout the winter. The roots are used cooked and are sweet and farinaceous. Pkt. 10c., oz. 35c., 2 oz. 60c., ¼ lb. $1.00.

Chicory, Coffee or Large rooted. The roots are cut into small pieces, and are roasted, and ground for use like coffee. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 60c.

Corn Salad, an annual plant of the simplest culture, which is used only in salads. Sow in spring and cover the seed very lightly. Pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

CRESS.

An annual plant much used in salads. Its popularity is due to its hot taste and piquant flavor; the cress is of the simplest culture; it may be sown at any time during the spring and summer, in any kind of soil, but it will be tenderer and more succulent in good rich soils. It should be sown frequently in small quantities for a succession.

Double Curled. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 50c.

Plain Leaved. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 50c.

Water, Should be grown where it can occasionally be flooded, of agreeable bitter flavor. Pkt. 10c., oz. 50c., 2 oz. 75c., ¼ lb. $1.25, lb $4.00.

PURPLE EGG PLANT.

EGG PLANT.

When well grown and properly cooked, the egg plant is a delicious vegetable. If its good qualities were better known, its cultivation would be more extensive. The cultivation of this plant is similar to that of the Tomato, though being tenderer it requires a sheltered position.

Purple New York improved, one of the most hardy and prolific varieties. It is very early, at least two weeks ahead of the old purple kind. It is of very fine quality and is worthy of being extensively grown. Pkt. 5c., oz. 60c.

WHITE EGG PLANT.

Early long purple, varies in color and shape from the preceding. Pkt. 10c., oz. 50c.
White Egg shaped, differs in color only from the purple, the quality is the same. Pkt. 10c., oz. 75c.
Scarlet fruited. This is an ornamental kind only. Pkt. 10c., oz. 60c.

CUCUMBER.

CHICAGO PICKLING.

IMPROVED WHITE SPINE.

Early Frame.—One of the hardiest, easily grown, early and productive. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 90c.

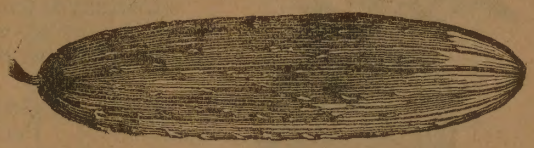
Early Cluster.—Very productive, the fruit is borne in clusters, and is much used both fresh and pickled. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Short green prickly.—Very hardy and productive. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c. lb. 90c.

Improved Long Green Prickly.—Fruit long smooth, dark green, firm, crisp and sweet. Fine standard kind. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1 00.

White Spine.—One of the best known varieties, of very uniform size and shape. Straight and smooth; very productive. The most popular market sort. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

PARIS PICKLING.



IMPROVED LONG GREEN.

White Spine, Evans' Extra Improved — Plant vigorous, fruits abundantly; uniformly straight and smooth, light green, crisp and of fine flavor. This is a perfect Market Gardener's cucumber. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Livingston's Evergreen.—This has the reputation in the United-States of being one of the handsomest and most prolific cucumbers ever raised. It is early, hardy and wonderfully fruitful; crisp and of very good quality, and retains its greeness longer than any other sort. It is a well established and very popular variety. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Extra Early Green Prolific.—One of the earliest and most prolific cucumbers in cultivation; of medium size, good form and color. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Chicago Pickling.—Another very productive variety that may be used in the ordinary way or for pickling. Per pkt. 5c., oz. 10c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Parisian Pickling or Gherkin.—the old well known variety. Per pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

SHORT GREEN.

FINEST ENGLISH VARIETIES.

Carter's Model.—Per pkt. 25c.
Lord Kenyons Favorite.—Per pkt. 25c.
Sion House —Per pkt. 25c.
Telegraph.—Per pkt. 25c.
Giant Chinese, Sooly Qua.—An interesting curiosity. Per pkt. 25c.

SWEET CORN.

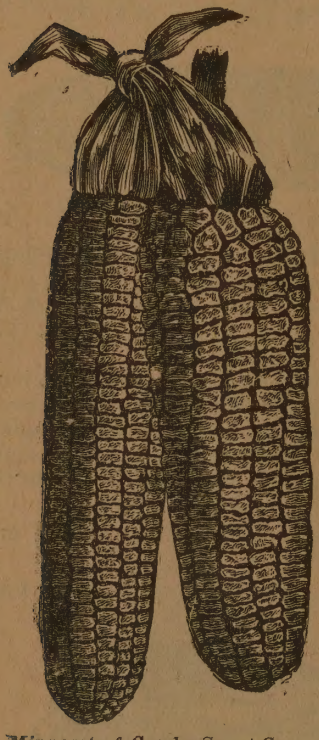
One of the most useful vegetables grown, surpassed only by the Potato. From successive sowings and by using the very early and late kinds a succession may be kept up from the end of July till the frost comes. The very early varieties are surpassed in sweetness by the midseason and late varieties The earlier varieties may be sown in warm soil in sheltered spots the third week in May. Corn may be sown either in rows or hills, continuous rows, three feet apart, for the early varieties, and ten inches apart in the rows, would be about the right thing, the larger kinds will require three and a half to four feet apart and fifteen to eighteen inches in the row, or if in hills at least three feet apart with four to five plants in the hill. It always pays to put in plenty of seed.

Mammoth and Cory Sweet Corn.

Early Cory, the earliest, the grain is reddish, though there is a white kind. Per ear 5c., per doz. ears 50c., per lb. 15c., per 5 lb. 60c.,

Early Marblehead, rather sweeter than the Cory, of fair size. Per ear 5c., per doz. ears 50c., per lb. 15c., per 5 lb. 60c.

Early Minnesota, an early prolific kind, very sweet and well flavored. Per ear 5c., per doz. ears 50c., per lb. 15c., per 5 lb. 60c.



Minnesota & Crosby Sweet Corn.

Early, Crosby's Sugar, very sweet and rich productive, one of the best. Per ear 5c., per doz. ears 50c., per lb. 15c., per 5 lb. 60c.

Concord, tender, rich and sugary, of larger size than any of the preceding. Per ear 5c., per doz. ears 50c. per lb. 15c., per 5 lb. 60c.

Country Gentleman, new and very highly commended. Per ear 5c., per doz. ears 60c., per lb. 20c., 5 lb. 80c.

Pee & Kay, a medium early variety with very large ears. Per ear 5c., per doz. ears 60c., per lb. 15c., per 5 lb. 60c.

Perry's Hybrid, the largest medium early sweet corn, 12 rowed. Per ear 5c. per doz. ears 50c., per lb. 15c., per 5 lb. 60c.

Evergreen, very sweet, remains green for a long time. Per ear 5c., per doz. 60c., per lb. 15c., per 5 lb. 60c.

Mammoth, very large sweet ears that keep green till frost. Per ear 5c., per doz. ears 60c., per lb. 15c., per 5 lb. 60c.

Silver Coin, new and very highly commended. Per ear 8c., per doz. ears 75c., per lb. 20c., per 5 lb. 75c.

INDIAN CORN FOR FIELD CULTURE.

Adams' Early, an early white dent variety. Per ear 5c., per doz. ears 50c.
Early Canada Yellow. Per ear 3c., per doz. ears 30c.
" **Canada White.** Per ear 3c., per doz. ears 30c.
" **Compton's Yellow,** both this and the next are largely used for ensilage. Per ear 5c., per doz. ears 40c.
" **Longfellow Yellow.** Per ear 5c. per doz. ears 40c.
" **Tuscarora,** Per ear 5c., per doz. ears 50c.
Ensilage Corns see page 36. Agricultural seeds.

KOHL RABI

OR TURNIP-ROOTED CABBAGE.

WHITE VIENNA.

When grown rapidly in good rich soil, it is a most delicious vegetable. It may also be profitably used for stock feed. It is a very hardy plant and may be grown like Swedish Turnip in every respect.

Green Prize, extra large and fine. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Purple Giant, the hardiest kind. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

White Vienna, very large and fine. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

LEEK.

This very hardy plant may be sown outside, but in every other respect should be grown as celery is. Planted deeply in the very richest soil and earthed up. Treated in this way it is tender and well flavored.

Large Flag, the standard kind, hardy and good. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Musselburgh, a very large and well flavored sort. Per pkt. 5c., oz. 25c., 2 oz. 50c., ¼ lb. 90c., lb. $3.00

Giant Rouen, a fine large late kind. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $2.50.

Monstrous, an extra large sort of finest quality, late. Per pkt. 5c., oz. 25c., 2 oz. 50c., ¼ lb. 90c., lb. $3.00.

LEEK LARGE FLAG.

ENDIVE.

GREEN CURLED.

The Endive is grown and used almost exactly the same as lettuce. It is sometimes cooked though rarely and is mostly blanched and used in salads.

Green curled summer, this is a very crisp tender variety and makes a delightful salad. It is also used for garnishing. Pkt. 5c, oz 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $2.50.

Green curled winter, hardier than the preceding, coming into use later. Pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb $1.00, lb. 2.50

Broad leaved or Batavian, crisp and well flavored. Pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00,, lb. $2.50.

LETTUCE.

PARIS COS.

Lettuce to reach its best development should be grown very rapidly. To secure this, it should be planted in the very best soil and kept clean with frequent stirring, and in private gardens where the extent is not large, watering in dry weather will be beneficial. By the use of several sorts and periodical sowing, a succession may be kept up through the entire season.

ROYAL WHITE SUMMER.

DRUMHEAD.

Cabbage:—

Early Curled, small early crisp. Pkt. 5c., oz. 15c., 2 oz. 30c, ¼ lb. 50c., lb. $1.50.

Early Curled Simpson, very like the preceding. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Tennis-ball, a small compact, solid heading lettuce, forces well. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Royal White Summer, stands the summer heat better than many others. Pkt. 5c, oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Boston Market, this gives very compact fair sized heads. Pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Big Boston. like the preceding with a doubled size. Pkt. 10c., oz. 40c., 2 oz. 60c., ¼ lb. $1.00, lb. $3.50.

BOSTON MARKET.

BIG BOSTON CABBAGE.

Bossin, of the very largest size, very tender and crisp. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00

Hanson, medium sized curled, resembles the Simpson. Pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1 50.

Defiance, a large cabbage lettuce, that makes very compact solid heads. Pkt. 5c, oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Drumhead, a large loose curled head, crisp and good. Pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Denver Market, most popular American market kind. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Montreal Market Gardeners, large compact head, of the best quality, tender and well flavored. Pkt 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Victoria, a Summer Cabbage Lettuce of fine quality. Pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

White Batavian or Silesian, one of the very large curled varieties, crisp, tender and good. Pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

White Paris Cos or Romaine, of sugar loaf form, very crisp and well flavored. Pkt. 5c., oz. 20c., 2 oz., 35c., ¼ lb. 60c., lb. $2.00.

Mangel Wurzel. See agricultural seeds page 30.

Old seed for birds, per lb. 30c.

MELON (MUSK)

EARLY GREEN CITRON.

Extra Early Green Citron, one of the best of the very early sorts. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Extra Early Green fleshed, very well flavored. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Hackensack, not so large and flatter at the end than our Montreal Market nutmeg. It is earlier than that well known variety, green fleshed and well flavored, a good shipper. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Early Prolific Nutmeg, a small green fleshed, very sweet kind. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 65c., lb. $1.50.

Early Skillman's Netted, flesh deep green, perfumed, very good. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Netted Green, very productive and early, light green flesh, uniformly well flavored, sweet and luscious keeps well, and is specially suited for shipping in baskets. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1,50.

EVANS' SUPERB.

Evans' Superb, this fine variety stands at the head of all the large Nutmegs. It is large, deeply ribbed, with thick green flesh, rich, sweet and melting. Pkt. 15c., oz. 50c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00.

Montreal Market, this fine large melon is too well known in this Province to require description. Pkt. 5c., oz. 15c., 2 oz 25c., ¼ lb. 40c., lb. $1.50.

Cantalope Large Yellow, salmon colored flesh, sweet. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Banana, two feet long and upwards, skin without netting, straw color, flesh green towards the centre, passing to a deep salmon towards the rind and has a delicious fragrance. Pkt. 10c., oz. 25c.

Tip Top, this comes with the highest recommendation, it is perfect in form and is one of the most uniformely good; melting, juicy, sweet; eatable to the rind, very productive. Pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

WATER MELON.

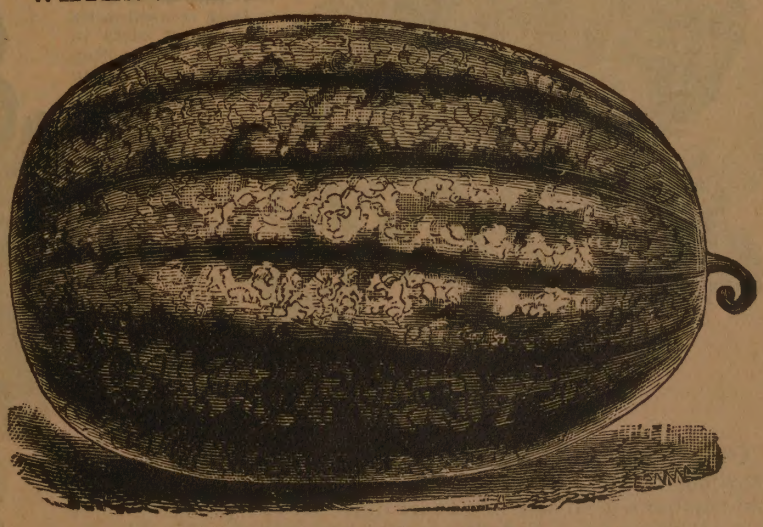
Evans' Earliest, the earliest of all the water melons and of the finest quality, ripe fruit has been gathered in ten weeks from sowing. Pkt. 10c., oz. 25c.

Cole's Early, one of the very earliest and of very fine quality, flesh deep red of very fine texture and delicious flavor, of good size; green skin. Pkt. 10c., oz. 25c.

Phinney's Early, first of the old sorts to ripen, productive, and sweet. Pkt. 5c., oz. 15c., 2 oz. 25e., ¼ lb. 40c., lb. $1 50.

Ice Cream, this fine old sort is still very popular. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Peerless, unsurpassed for home and market garden. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.



WATER MELON CUBAN QUEEN.

Black Spanish, Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb $1.00.

Cuban Queen, very large variety, often 75 lb. showy. Pkt. 5c., oz. 15c, 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Long Island. Pkt. 5c., oz. 15c, 2 oz. 20c., ¼ lb. 30c, lb. $1.00.

Mountain Sweet, green skin, flesh red, solid and sweet. Pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Citron, for preserving. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Mangel's Agricultural Seeds, see page 30.

MUSHROOM SPAWN.

MUSHROOMS.

MUSHROOM SPAWN.

Direction for growing Mushrooms.—A quantity of stable manure should be collected, the less straw in it the better, and thrown together in a heap to ferment and acquire heat. As the heat is generally violent at first, it should, previously to making the bed, be reduced to the proper temperature by frequently turning it during a fortnight or three weeks, which time it will require for all parts to get into an even state of fermentation. During this time, should the weather be showery, the heap will require some protection which may be afforded by covering with litter, as too much wet would deaden its fermenting qualities. When the fiery heat has passed off, choose a dry sheltered spot of ground on which to make the bed (any cellar or shed will do.) Mark this out five feet broad; make the length according to the quantity of mushrooms required. On the space marked for making the bed, throw out a trench about six inches deep. The mould may be laid regularly at the side and if good, will do for earthing the bed afterwards. In this trench lay about four inches of good long litter for forming the bottom of the bed; then lay on the prepared dung regularly over the surface, beating it down with a fork, gradually drawing in the sides, to the height of five feet until it is narrow at the top like the ridge of a house. In this state it may remain ten days or a fortnight, during which time the temperature should be ascertained towards the middle of the bed, and when found of a gentle heat the bed may be spawned, for which purpose the spawn if in bricks should be broken into pieces about an inch and a half or two inches square, beginning within six inches of the bottom of the bed, and in lines about eight inches apart, the same distance being allowed between the pieces of spawn, which are best put in, by one hand raising the manure up a few inches, whilst with the other the spawn can be laid in and covered at the same time. After spawning the bed, if the heat is regular, it may be earthed over. After the surface is levelled with the back of the spade, there should be laid on two inches of mould which should be beaten closely together, and, when finishsd, covered a foot thick with good oat or wheat straw, over which, if in the open ground, mats should be laid on to keep the bed dry. When the bed is to remain permanently, a covered shed will be found convenient.

English Finest Milltrack, received monthly. Per brick, 25c.
French. Per box 25c.

Chinese Mustard

MUSTARD

The white mustard is used in its youngest state in salads. Very often it is only used in the seed leaf; frequently repeated sowings require to be made consquently. When further advanced, but still young and tender it makes very nice greens, used as spinach, but the Chinese large cabbage leaved is better for that purpose.

White French, Per pkt. 5c., oz 10c., ¼ lb. 15c., lb. 30c.

Giant Chinese large Cabbage leaved—New. This makes excellent greens of very fine flavor and as it is of rapid growth and reaches a good size in a short time, it will probably come into extensive use. Per pkt. 5c, oz. 10c., ¼ lb. 30c., lb $1.00.

Dwarf Mixed Nasturtium.

NASTURTIUM.

The cultivation of this plant is of the simplest and every part of the plant is used; the opened flowers for ornament. The unopened flower buds and the green tender fruit are pickled, and the young leaves are used in salads.

Tall.—This climbs to 5 or 6 feet in height and requires supports. Per pkt. 5c, oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Dwarf or Bush.—This does not run, otherwise, it is like the preceding. Per pkt. 5c, oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00

ONION.

YELLOW DANVERS.

The number of varieties of this extensively grown vegetable, is very great. They differ widely in season, color, size and quality. Not more than five or six kinds however are grown for our own markets.

Some of the lately introduced very large sorts require to be started in a hot bed ; our season not being long enough to bring them to perfection. Those kinds requiring to be grown in this way are indicated in my catalogue. I take the greatest pains to secure seed of this most important legume of the best quality, and what I offer is of the most reliable character.

Large Red Wethersfield, the most widely cultivated of the onions. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb 60c, lb. $2.25.

Extra Early Wethersfield, two to three weeks earlier than the preceding. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ ld. 60c,, lb. $2.25.

Early Red Globe Wethersfield, fine early mild flavored sort. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.75.

Yellow Danvers, probably the best keeper, fine cropper. Pkt. 5c., oz. 20c., 2 oz. 35c., 1 lb. 60c., lb. $2.00.

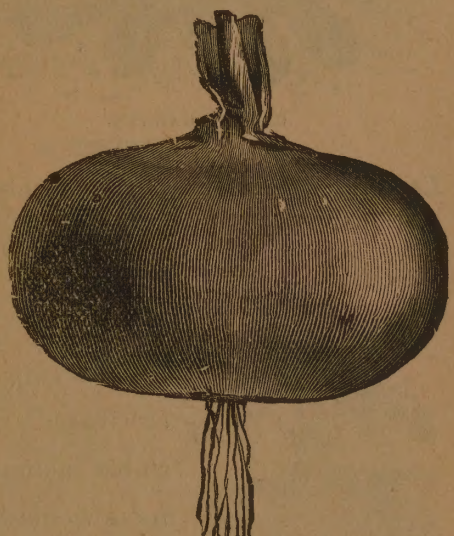
Yellow Globe Danvers, similar to the above, except in shape. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.25.

Large White American, very mild, grows to a good size. Pkt. 5c., oz. 35c., 2 oz. 60c., ¼ lb. $1.10, lb. $4.00.

Early White Silverskin, for pickling, should be sown thickly for small onions. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

The following kinds require to be sown in a hot bed for their full development.

Carters' Golden Globe, grows to a large size, flavor excellent. Pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.50.



WETHERSFIELD EXTRA EARLY RED.

TOP ONION SETS.

Giant Spanish Yellow, grows to an enormous size, under suitable conditions. Pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.50.

Giant Rocca, of very delicate flavor, large, round, with light brown skin. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Tripoli Giant White, of exceedingly mild and pleasant flavor. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

White Flat Mammoth, flat 6 to 7 inches diameter, mild, and well flavored. Pkt. 5c., oz. 25c. 2 oz. 40c. ¼ lb. 75c., lb. $2.75.

Onion Sets, white, yellow and red. lb. 25c.

Top Onion Sets. lb. 25c.

PARSLEY

MOSS CURLED.

The leaves of the parsley plant are used for seasoning, and the fine curled kinds for garnishing. It is of the easiest culture, but as the seed germinates very slowly it should be sown early; as soon as the ground is open. Sown in the edges of the vegetable beds, it makes a very pretty border.

COVENT GARDEN.

Garden or Plain. A strong growing, very hardy kind. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. $1.00.

Champion Moss Curled, a beautiful variety for garnishing. Pkt. 5c., oz. 15c., 2 oz. 25c. ¼ lb. 40c., lb. $1.25.

Covent Garden—Garnishing. This also is a fine curled kind. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Dwarf Triple Curled. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. $1.00.

Fern-leaved. This makes a very pretty table plant. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Myatt's Garnishing. Old standard hardy kind, well flavored. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. $1.00.

Beauty of the Parterre. A very pretty curled sort. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Large Rooted Hamburg, long, this is used like salsify or parsnip. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c, lb. $1.00.

PARSNIP

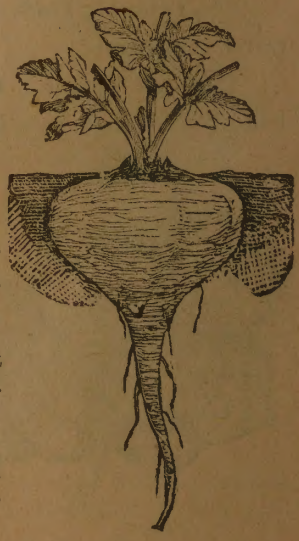
HOLLOW CROWN.

Parsnips succeed best when the soil is deeply cultivated and enriched with old and well rotted stable manure; without this preparation the roots would be tough, stringy and small.

Early Round. This is valued for the earliest, it is sweet and good. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Guernsey Improved or large Jersey, one of the best for general crop. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Improved Hollow Crown, long, smooth, a standard kind. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.



SHORT OR ROUND EARLY.

PEAS

First Crop.

EXTRA EARLY.

Evans' first and best.—This is unrivalled as an extra early pea, very productive, and almost equal to the green wrinkled peas in flavor. Per pkt. 5c., lb. 10c., peck $1.25, bus. $4.80, 100 lb. $8.00.

Evans' Lightning.—The earliest of early peas and at the same time productive and well flavored. Per pkt. 5c., lb. 15c., peck $1.25, bus. $4.80, 100 lb $8.00.

Alaska.—One of the earliest most prolific and best flavored of the early peas. Per pkt. 5c., lb. 10c., peck $1.35, bus. $5.40, 100 lb. $9.00.

First Crop, very early, productive; standard sort. Per pkt. 5c., lb. 10c., peck $1.25, bus. $4.80, 100 lb. $8.00.

Allan's Sunol.—New, an extra early small pea, but very productive, a superior early market pea. Per pkt. 5c., lb. 15c., peck $1.25, bus. $5.00, 100 lb. $9.00.

EARLY DWARF PEAS.

American Wonder.—An exceedingly productive wrinkled pea; for small gardens this is unrivalled. Per pkt. 5c., lb. 20c., peck $2.25, bus. $9.00, 100 lb. $15.00.

Premium Gem.—Large and very productive for a dwarf pea, very sweet and luscious. Per pkt. 5c, lb. 20c, peck $2.25, bus. $9.00, 100 lb. $15.00.

Tom Thumb Improved, an improvement on the old variety of that name. The vines completely cover themselves with pods; very hardy, and may be sown very early in the season. Per pkt. 5c., lb. 20c., peck $2.25, bus. $9.00, 100 lb. $15 00.

Early Alaska.

PEAS—Continued.

HORSFORD'S GARDENER'S FAVORITE.

SECOND EARLY WRINKLED PEAS.

Horsford's Market Gardener's Favorite.—Very productive. Per pkt. 5c., lb. 10c., peck $1.35, bus. $5.40, 100 lb. $9.00.

Abundance.—Immensely productive, fine sweet kind. Per pkt. 5c., lb. 20c., peck $2.00, bus. $7.00, 100 lb. $12.00.

McLean's Advancer—A great cropper, bears long well filled pods. Per pkt. 5c., lb. 20c., peck $2.00, bus. $7.20, 100 lb. $12.00.

Laxton's Alpha—One of the best of this class of Peas—Per pkt. 5c., lb. 15c., peck $1.25, bus. $4.80, 100 lb. $8.00.

Everbearing—One of the earliest of the second half dwarf, very productive, continuing long in bearring, peas large, tender, with superior flavor. Per pkt. 5c., lb. 20c., peck $2.00, bus. $7.20, $12.00.

MAIN CROP.

Stratagem.—A fine half dwarf wrinkled pea which literally covers itself with pods nearly six inches in length. Per pkt. 5c., lb. 25c., peck $2.75, bus. $10.80, 100 lb $18.00.

Telephone.—About 3½ feet in height, earlier than champion of England, very productive, pods unusually large filled with peas of the finest quality tender, sweet and good. Per pkt. 5c., lb. 20c., peck $2.00, bus. $7.20, 100 lb. $12.00.

Yorkshire Hero.—An abundant bearer of large sweet peas. Per pkt. 5c., lb. 15c., peck 1.50, bus. $4.80, 100 lb. $8.00.

Champion of England.—The oldest and one of the best of the late sorts. Per pkt. 5c., lb. 10c., peck $1.75, bus. $6.00, 100 lb. $10.00.

Early Dwarf Sugar or edible pods. Per pkt. 5c., lb. 25c.

Tall White Scimitar or edible pods. Per pkt. 5c., lb. 25c.

Large White Marrowfat.—Per pkt. 5c, lb. 10c, peck $1.00, bus. 3.50, 100 lb. $6.00.

Black Eyed Marrowfat.—Market price. Per pkt. 5c, lb. 10c.

TELEPHONE.

SEE ALSO NOVELTIES FOR NEW VARIETIES.

PEPPERS (CAPSICUM.)

CHILI.

This is a tender annual plant of about the same character as the Tomato and Egg plant and requires to be started in a hot-bed and planted in a sheltered place about the first of June.

Chili, very small but prolific, generally used for making pepper sauce. Pkt. 5c., oz. 40c.

Large Bell or Bull-nose, a large early variety of pleasant flavor. Pkt. 5c. oz. 40c.

Red Cayenne, pods small, long thin wrinkled, bright coral when ripe, extremely hot, acrid, much used for pickles, both in the green and ripe state. Pkt. 5c. oz. 40c.

LARGE BELL.

Long Red, brilliant coral red, beautiful and productive, flesh thick and pungent. Pkt. 15c., oz. 40c.

Sweet Spanish or Mountain, large, mild and excellent. Pkt. 5c, oz. 40c.

LONG RED.

SWEET SPANISH.

Cardinal, a new pepper, with long curved tapering pods, unequalled for purity and brilliance of coloring, very sweet and tender, a valuable addition to the list. Pkt. 5c., oz. 75c.

POTATOES

I keep a supply of the principal varieties of potatoes in store as soon as all danger of frost is past, comprising all the popular varieties.

Extra Early Vermont. Early Rose. Beauty of Hebron. Lee's Favorite. Dempsey, Clarks No. 1. Freeman. Puritan, &c.

PUMPKIN

CALHOUN.

While the Pumpkin is of the easiest cultivation, it well repays care, all the varieties luxuriate in heat and rich soil with sufficient moisture.

Calhoun, the best pie pumpkin, flesh fine grained, rich, sweet, *try it.* Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Canada Field, the common yellow kind, usually grown for stock. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Cheese, productive, flesh yellow, sweet, excellent for pies. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Cashaw, very productive and of good size, pale yellow, sometimes striped. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Sugar, very prolific, deep orange, fine grained, sweet, keeps well. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00

Mammoth Canada, this frequently weighs over 200 lbs., and is of excellent quality. Pkt. 10c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

RADISH

CHARTIER'S.

All the Radishes thrive best in a light rich loam with a moderate degree of moisture. Grown in such a soil the radishes will be succulent, crisp, tender, and sweet.

Evan's, Earliest Forcing. The earliest of all; matures in three weeks from sowing, beautiful in color and shape and unsurpassed in quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 30c., lb. $1.00.

Evan's, Scarlet Globe. Beautiful in tint, perfect globe, solid crisp and very mild. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 30c., lb. $1.00.

Early Frame. A half long extra early kind good in every respect. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80.

Early Scarlet Turnip. A standard early radish, excellent for main crop. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Early White Turnip. Of good size and shape, tender and mild. Per pkt. 5c., oz. 10c., 2 oz., 15c., ¼lb. 25c., lb. 70c.

Olive-shaped. Deep scarlet, a beautiful tint, mild and crisp. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 25c., lb. 90c.

French Breakfast. Bright scarlet with white tip, one of the best known, tender and crisp with excellent flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 25c., lb. 80c.

Scarlet Turnip. The most extensively grown of all the radishes it reaches a large size and is of excellent quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 25c., lb. 70c.

Scarlet Turnip White Tipped. One of the prettiest radishes on the table and of excellent quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 25c., lb. 80c.

Long Scarlet Short-Top. The standard long variety although called scarlet, it is of a beautiful crimson tint and when well grown is delicious. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼lb. 25c., lb. 60c.

Chartier's. A very distinct variety, bright crimson at the top, gradually fading off to a pure white at the point and is besides of excellent quality. Very desirable. Per pkt. 5c., oz. 10c., 2 oz., 15c., ¼lb. 25c., lb. 75c.

Black Spanish, well known winter variety. Per pkt. 5c, oz. 15c., 2 oz. 20c., ¼lb. 30c., lb. $1.00.

White Spanish. Like the preceding except in color. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼lb. 30c., lb. $1.00.

Chinese Rose. Bright rose, pure white flesh, crisp and tender. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼lb. 30c., lb. $1.00.

Mammoth California. Very large, white, solid, tender and good. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼lb. 30c., lb. $1.00.

WINTER.—BLACK SPANISH.

RHUBARB

Rhubarb requires the richest soil, deeply tilled, with plenty of well rotted manure annually; then the produce will be large, tender and succulent. It may be forced in the open air by having flour or other barrels placed over the plants as soon as the frost is out of the ground, with plenty of hot manure around them; this will hasten its development by a fortnight at the least.

Victoria, not so acid as some other kinds, stalks bright red. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c. lb. $3.00.

Linneus, a very large kind, firm when cooked. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Albert (Mitchell's Royal). Early, crisp, tender and well flavored. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb 75c., lb. $3.00.

St. Martin's. Highly recommended in England. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Seed may be sown in the open ground in early spring and the rhubarb will be ready for use in the third spring.

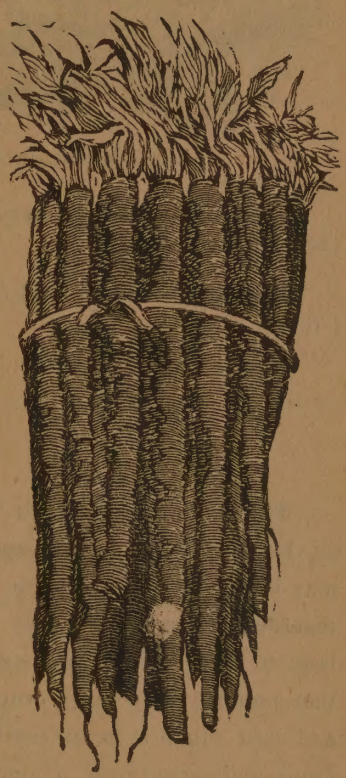
SALSIFY

SALSIFY.

The preparation of the soil, and the sowing is the same as for parsnips or carrots. The roots, may, like parsnips, remain in the ground all winter.

Mammoth, this variety has every good quality of the old *white* with a doubled size. Pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3 00.

Scorzonera or Black Salsify. The cultivation and uses of this plant are in every respect the same as the salsify. Pkt. 5c., oz. 20c., 2 oz. 35c. ¼ lb. 60c., lb. $2.00.



SCORZONERA.

SEA KALE

This valuable esculent is not sufficiently well known or it would be better appreciated. It it a perennial plant; perfectly hardy, and easily grown. Like asparagus, when the bed is established, it will last for many years without renewal.

The seeds may be sown in any ordinary good soil, and when the plants have made a growth of four or five leaves, they may be planted where they are to remain in rich soil deeply tilled, at three feet apart. The third spring it will be ready for use and must be blanched by placing boxes, old butter tubs or something of that description over the plants and covering with earth, this will render the leaf stalks, (the part used) crisp, sweet and nutty. The blanched leaf stalks are cooked and used like asparagus. Pkt. 5c., oz. 25c.

SHALLOTS

For use as onions, early in the season. Winter shallots are planted in August, and are ready for use in May following. Spring shallots are chiefly planted where onion seed plants would be liable to be destroyed by maggots. Per peck 50c., bushel $1.50.

Sorrel. Broad leaved, a hardy perennial plant. The young green leaves are used as spinach, in early summer, and in salads. Per pkt. 5c., oz. 15c.

SPINACH.

SPINACH VICTORIA.

Very hardy and may be sown in any good garden soil. But is best developed and more tender and succulent when grown in rich soil. It may be sown in fall or in early spring in drills twelve to fourteen inches apart, and at intervals of a few weeks for a succession.

Victoria, fine new sort, large, tender and succulent, the best. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c.. lb. 40c.

Large English, one of the best known sorts, very hardy. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Lettuce-leaved, large, thick fleshy leaves, tender and well flavored. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Round or Summer, for spring sowing only, *excellent.* Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

Long Standing, this is one of the best and does not quickly go to seed ; leaves deep green, tender and succulent, prickly seed. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 4 c.

Large Flanders, a very broad leaved and productive variety, prickly seed. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.,

Viroflay, an exceedingly large thick leaved kind, tender and succulent. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 40c.

SQUASH.

The almost innumerable varieties of Squash are supposed by some to be all the issue of one original species, and by others of three species, however that may be, they are so diverse in form and quality, that they might readily be regarded as being of many species. For their perfect development, they all require heat, rich soil and a good degree of moisture. Under such conditions they produce very large crops. They are largely used and might be grown and used much more extensively ; they are easily grown, produce very large crops, and extend over a long season, some of the varieties keeping well till spring.

SQUASH HUBBARD.

EARLY VARIETIES.

Early Golden Bush, this is one of the small pie shaped squashes; when young it is very tender and sweet. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 50c. lb. $1.75.

White Scolloped, a very early bush variety. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 50c., lb. $1.75.

Canada Summer Crookneck, this as well as the preceding are not running varieties and they may be planted much closer. It is of fine quality and is very popular. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Perfect Gem, this is a very productive and well flavored kind, and while it is a very fine kind for use in the young state, it is also a good keeper and consequently a good winter kind. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

SQUASH.—Continued.

EARLY VARIETIES.

Vegetable Marrow, Moore's Cream, a favorite English kind, used very largely while in a young green state. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c.. lb. $2.00.

do do Muir's Hybrid Prolific, a very distinct variety. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00

do do Pen-y-Byd, very rich flavor, said to be the best in the world, wonderfully productive, always gives satisfaction. Pkt. 10c., oz. 30c., 2 oz. 50c.

do do Long White Bush. Pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Prolific Marrow, this fine variety ripens two weeks ahead of the Boston Marrow, besides excelling it in productiveness and keeping qualities; medium in size, with high colored, fine grained, sweet flesh; an excellent kind. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

LATE VARIETIES.

Boston Marrow, Extensively grown and very profitable, splendid for pies and as a winter keeper. Pkt. 5c., oz. 10c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Essex Hybrid or American Turban, this is one of the finest grained and sweetest of the Squashes. Specimes have kept sound and good till June. Pkt. 5c., oz. 10c., 2 oz. 15c. ½ lb. 30c., lb. $1.00.

Faxon, this new squash comes to us with the highest recommendation; it is of medium size, wonderfully productive and of the highest quality. It is sweet and very dry and for pies is unexcelled. Though early it is an excellent keeper. Pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Fordhook. This is a handsome Squash of a convenient size; it is said to be the best of all the winter kinds, and keeps in perfect condition till late in June. Although such a keeper, the skin is very thin and the meat thick, and sweet, and fried while quite young it is equal to the best early Squash. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Hubbard, this is too well known to need description here and is almost as popular as ever. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25

Turban, flesh orange yellow, thick, fine grained and well flavored; good for fall and winter use. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Mammoth, this grows to a very large size. Pkt. 10c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Mammoth, Evans' Selected, specimens of this selection have weighed upwards of 200 lb. A splendid exhibition variety. Pkt. 10c., oz 25c., 2 oz. 45c., ¼ lb. 80c., lb. $3.00.

SQUASH TURBAN.

TOMATO.

With new varieties being continually introduced it is very difficult to make a choice that will suit all conditions of cultivation and use within a sufficiently limited number. The following however is perhaps as good a selection as can be made within the compass of twenty varieties.

CHEMIN EARLY RED.

Acme. Of medium uniform size, round solid verp productive. Por pkt. 5c., oz. 30c., 2 oz. 55c. ¼lb. $1.00, lb. $3.00.

Atlantic Prize. The very earliest of all. The fruit is borne in immense clusters, each vine produces from fifty to sixty large perfect tomatoes, large solid and of fine quality. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼lb. $1.00, lb. $3.00.

Beauty Livingstone's. Glossy crimson with a purple tinge; of large size very solid with a tough skin and ships well. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼lb. $1.00, lb. $3.00.

Fordhook First. See Novelties.

Canada Victor. Of bright red color. Large, symmetrical, and handsome. A fine canning variety. Per pkt. 5c., oz. 30c, 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Chemin. See Novelties.

Favorite. A large, early, smooth, dark red tomato, second to none. Of fine quality. Per pkt. 5c., oz., 30c., 2 oz. 55c, ¼ lb. $1.00, lb. $3.00.

Early Large Smooth Red. A standard variety. Per pkt. 5c., oz. 30c., 2 oz. 55c, ¼ lb. $1.00, lb. $3.00.

Royal Red. An early, large and remarkably smooth tomato, uniform in size, very solid, and handsome deep red color. Excellent. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Landreths Hybrids. See Novelties.

Matchless. See Novelties.

Perfection, Livingstone's. This valuable variety is shaped like the **Acme**, but larger, and fully as early, perfectly smooth, blood red in color, very solid and a heavy cropper. Per pkt. 5c., oz. 30c., 2 oz. 55c. ¼ lb. $1.00, lb. $3.00.

Trophy Extra early. This resembles the old Trophy, but is two weeks earlier. It is deep red, slightly ribbed, with firm solid flesh. Of fine quality, and shows no sign of rotting in the early stages of its growth as so many sorts do. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Buckeye State. This fine new tomato offered last year for the first time, is the largest of the late new tomatoes. Deep red, very solid, meaty, heavy and of the finest quality. Per pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00.

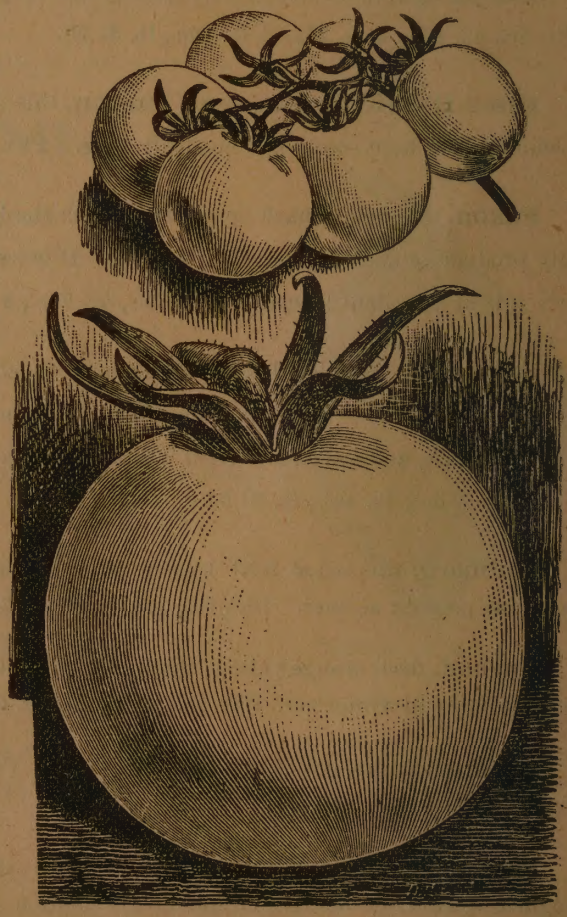
Aristocrat, Livingstone's. The vines of this new variety are very strong and load themselves down with handsome fruit of magnificent size and finest quality. Per pkt. 10c, oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00.

Golden Queen, yellow. Large and smooth, and of fine flavor. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00.

Small Yellow. For preserving and pickling. Per pkt. 10c., oz. 50c.

Strawberry or Ground Cherry. (Physalis alkekengi.) Immensely productive, of fine quality. Excellent for preserving. Per pkt. 10c., oz. 60c.

Tetragonia or New Zealand Spinach. This is grown to replace spinach during the very hottest weather and in arid soils where the ordinary spinach would not succeed. It should be sown as early as the ground is open where it is to remain and requires very little care. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $1.50.



GOLDEN QUEEN.

TOBACCO.

To grow tobacco to the best advantage in this Province, it would be absolutely necessary to start the young plants so early as to have them of a good size to plant out by the first of June. If possible, a hot bed should be used and the seed sown in the beginning of April, but if this should not be convenient, then a bed should be prepared beforehand, say in the fall, on a bit of dry, well sheltered ground and fully exposed to the sun—close to the dwelling house—and so arranged that the bed could be covered on cold nights in early Spring. On this the seed should be very thinly sown in rows six inches apart, and very slightly covered. The soil should be as free as possible from the seeds of weeds, as the young plants of Tobacco are exceedingly small and would be easily choked out by weeds. Many growers in the United States burn brush on the prepared bed, with the triple object of burning any seeds that may be on or near the surface, and warming and enriching the soil. Too much pains can hardly be taken to get a good start. The small varieties of Tobacco may be planted two and a half feet apart in rows three feet apart, and the large kinds three and a half to four feet apart. The after care would consist chiefly in keeping the ground clean by frequent hoeing, disbudding, topping and keeping down the worms which prey upon the plant.

Big Havana. A hybrid Havana Tobacco. A heavy cropper, of fine texture, and delightful flavor. The earliest cigar variety to mature and ripen. Its extreme earliness makes it desirable for the Province of Quebec..... Pkt. 5c., oz. 60c.

Cannelle or Cinnamon scented. Very hardy and early, and being a small plant, may be grown much closer than the large kinds..... " 5c., " 60c

Connecticut Seed Leaf. This fine old variety is one of the most universally grown and deservedly so, wherever a heavy crop is desired..... " 5c., " 40c

Conqueror. This is a new variety, the originators says of it, "This possesses all the requisites demanded in a first class Tobacco; a healthy, vigorous growth; leaves of the finest form and texture, which ripen early and uniformly, and cure to the brightest color."..... " 5c., " 60c

East Hartford. This is the earliest of the northern grown seed leaf tobaccos and is preferred by a great many..... " 5c., " 60c

Hester. This valuable kind greatly recommends itself in this, that, whilst perfect in size, shape, color and texture, it ripens early, a very desirable feature in this latitude.. " 5c., " 60c

Sterling. One of the earliest to ripen, bright, sweet and tough..... " 5c.. " 60c

White Burley. A very popular sort in the west..... " 5c., " 60c

Latakia. A small aromatic kind..... " 10c.

Turkish Aromatic. Very fragrant..... " 10c.

Yellow Prior. Highly commended in the United States..... " 10c.

TURNIPS.

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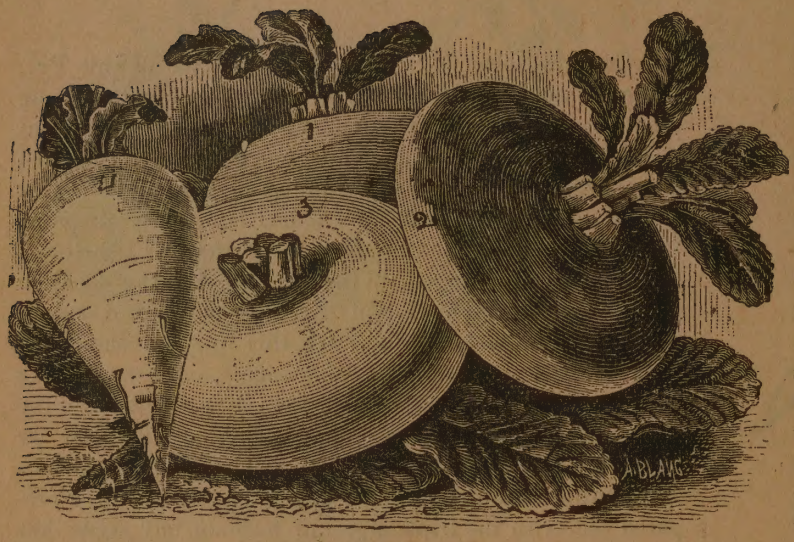


Early Turnips for the table should be sown as soon as the ground is quite dry in spring, in good, rather rich soil. In poor soil Turnips become woody and tough, unfit for table use. One useful feature in Turnip culture is, that if not specially required for early use, they can be sown at almost any time up to the end of July, excepting swedes that may be sown up to first of June, and with special fertilizers, even later, some of the very early quick growing sorts may be safely sown in good soil with a special fertiliser up to the tenth of August. Aberdeens and Swedes for table use should not be sown early as they are apt to become woody or stringy. Sown late with a special fertilizer and kept thoroughly tilled the roots will reach the highest degree of quality.

For Garden Culture in order of Earliness.

Purple top Milan, the earliest of all, white with red top and small leaves, very productive. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c. (Fig. 2.)

Strap-Leaf Purple top, a very early American variety. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

" " **White top,** similiar to the above, except in the color of the top. Pkt. 5c., oz. 10c., ¼ lb. 20c. lb. 60c. (Fig. 1.)

White Egg, very pure white oval turnip, small, delicate, tender and sweet. Pkt. 5c., oz. 10c., 2 oz., 15c., ¼ lb. 20c., lb. 60c. (Fig. 4.)

Snow-Ball or White Stone, early, medium size, fine grained, tender and sugary. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c. (Fig. 3.)

White Dutch, early of medium size and quick growth. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 50c.

Orange Jelly, unsurpassed for quality and beauty, very sweet. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

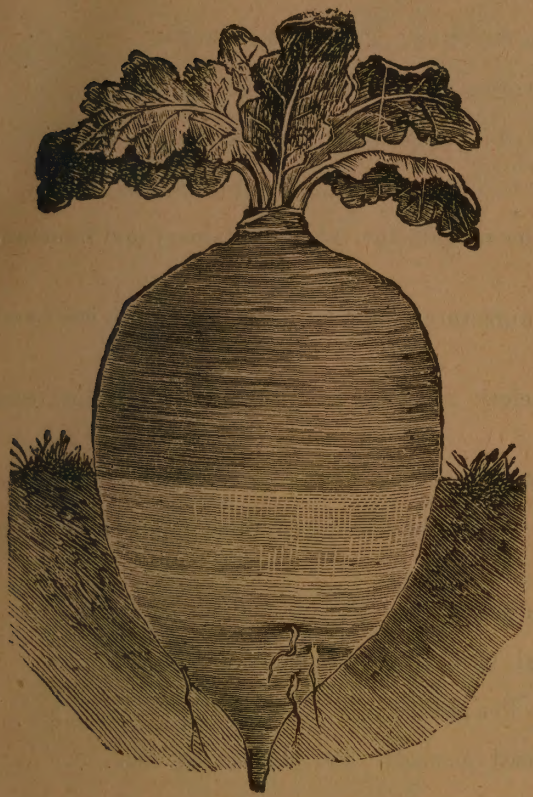
Robertson's Golden-ball, this very closely resembles the preceding. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Yellow Altringham, of good size, clear yellow, solid and sugary. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb., 20c., lb. 60c.

Turnips for Field Culture.

Yellow Aberdeen, Purple top, a fine table turuip, hardy. Pkt. 5c., ¼ lb. 10c., lb. 30c.
" " **Green top,** similar to the preceding. Pkt. 5c., ¼ lb. 10c., lb. 30c.
Grey Stone, a hardy large kind of very rapid growth. Pkt. 5c., ¼ lb. 10c., lb. 25c.
Mammoth Purple top, like the grey stone, but much larger. Pkt. 5c., ¼ lb. 10c., lb. 30c.
White Norfolk, resembles the two preceding kinds. Pkt. 5c., ¼ lb. 10c., lb. 30c.
White Globe, a popular large kind, useful for late sowings. Pkt. 5c., ¼ lb. 10c., lb. 25c.
Yellow Tankard, hardy, a good table turnip when young. Pkt. 5c., ¼ lb. 15c , lb. 35c.

SWEDISH TURNIPS.



SHAMROCK.

PURPLE TOPPED VARIETIES.

Bangholm Selected, large and handsome, a standard kind. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Champion, one of the hardiest, a heavy cropper. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Clyde Improved, of large size, and perfect form; hardy and keeps well; unsurpassed for the table, very popnlar. 5c., ¼ lb. 10c., lb. 25c.

Cross Improved, one of the finest in cultivation, perfect in form and quality, a great cropper, and keeps well. Pkt. 5c., ¼ lb. 10c., lb. 25c.

CLYDE IMPROVED.

Elephant, new, very large oval shaped, very highly recommended. Pkt. 5c., ¼ lb. 10c., lb. 30c.

Imperial Hardy, a popular kind. Pkt. 5c., ¼ lb. 10c., lb. 25c.,

Laing's has always been regarded as the best table variety. Pkt. 5c., ¼ lb. 10c., lb. 30c.

Mammoth, one of the largest, fine exhibition variety, productive. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Prize Winner, a clear smooth turnip, bright purple top. Pkt. 5c., ¼ lb. 10c., lb. 30c.

SKIRVINGS PURPLE TOP

Shamrock, oblong, yellow fleshed, heavy cropper and good keeper. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Skirvings Selected, the oldest and still one of the best, standard. Pkt. 5c., ¼ lb. 10c., lb. 25c.

Bronze-Top Haszard. very large, solid, sweet, table variety. Pkt. 5c., ¼ lb. 10c., lb. 30c.

Bronze-Top Hartleys, equal to the above in every respect. Pkt. 5c., ¼ lb. 10c., lb. 30c.

Green Top, very heavy, solid, large kind, uniform and good. Pkt. 5c., ¼ lb. 10c., lb. 30c.

White Sweet, a very fine table kind, highly recommended. Pkt. 5c., ¼ lb. 10c., lb. 30c.

do Budlong's, WHITE ROCK. See novelties.

SWEET HERBS.

Anise. An annual plant of which the seeds are used for flavoring. Per pkt. 5c., oz. 20c.

Balm. The leaves are used as a condiment, and for flavoring spirits. Per pkt. 5c., oz. 40c.

Borage. The flowers are used to ornament salads, and for bee pasture. Per pkt. 5c., oz. 30c.

Caraway. The ripe seeds and sometimes the leaves are used for flavoring. Per pkt. 5c., oz. 10c.

Coriander. The seeds are used for flavoring, and in the manufacture of confectionary and liqueurs. Per pkt. 5c., oz. 10c.

Dill. The seeds are used as a condiment and in the manufacture of pickles and sometimes in jams and preserves. Per pkt. 5c., oz. 20c.

Fennel. The clasping base of the leaves is used like celery uncooked and the seed is sometimes used as a seasoning. Per pkt. 5c., oz. 20c.

Horehound. This is used chiefly or exclusively as a cough remedy. Per pkt. 5c., oz. 40c.

Hyssop. The leaves and young tender shoots are used occasionally as a condiment and for seasoning. Per pkt. 5c., oz. 30c.

Lavender. Sometimes used in seasoning but chiefly in perfumery, Per pkt. 5c., oz. 50c.

Marsh Mallow. Used chiefly as a remedy, a medicinal herb. Per pkt. 5c., oz. 50c.

Pennyroyal. Probably used chiefly as an insecticide Per pkt. 10c.

Rampion. A biennial plant, both root and leaves are used in salads. Per pkt. 5c., oz. 30c.

Sage. The leaves are extensively used in various culinary preparations. Per pkt. 5c., oz. 20c., 2 oz. 40c., ¼lb. 75c., lb. $2.50.

Saffron.—See pot marigold. Per pkt. 5c., oz. 40c.

Savory Summer. Used only for seasoning. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼lb. 60c., lb. $1.50.

" **Winter.** Used same as the above. Per pkt. 5c., oz. 25c.

Skirret. The roots of this plant which is of the carrot family are tender, sweet and slightly farinaceous they are used like salsify. Per pkt. 5c., oz. 40c.

Sweet Basil. The leaves are very aromatic and are used as a condiment, a seasoning and sometimes as a medicine. Per pkt. 5c., oz. 40c.

Thyme Winter. Large perennial. Per pkt. 5c., oz. 50c.

" **Summer.** Both these plants are used for seasoning. Per pkt. 5c., oz. 50c.

Wormwood. Used as a tonic and for flavoring. Per pkt. 5c., oz. 50c.

Woodroof. Used as a condiment but especially for perfumery. Per pkt. 10c.

BIRD SEEDS—Price Variable.

Canary	per lb.	10c.	**Millet,** white, French	per lb.	10c.
Hemp	"	10c.	**Rape,** per lb. 10c., in lots of 10 to 25 lbs,		8c.
Mixed Bird Seed	"	10c.	" **German**	per lb.	10c.
" " " in lots of 3 lbs.	"	25c.	**Maw**	"	25c.

AGRICULTURAL ROOTS FOR STOCK FEEDING, &c.—EXTRA CHOICE SEED.

MANGEL WURZEL

Grown expressly for my own trade.

Mammoth Long Red, extra choice, grows very large, fine solid flesh, best in cultivation, per lb. 30c. In quantity of five lbs. and over, per lb. 25c.

Champion Yellow Globe, very fine, large and productive, per lb. 30c. In quantity of five lbs. and over per lb. 25c.

Golden Tankard, one of the most nutritious varieties in cultivation, deep yellow flesh, tankard shaped, very productive, valuable for dairy farming, per lb. 30c. in quantity of five lbs. and over, per lb. 25c.

Long Red, large and long, very productive, per lb. 25c. In quantity of five lbs. and over, per lb. 23c.

Norbiton Giant, red, a first class variety, producing largely, per lb. 30c. In quantity of five lbs. and over, per lb. 25c.

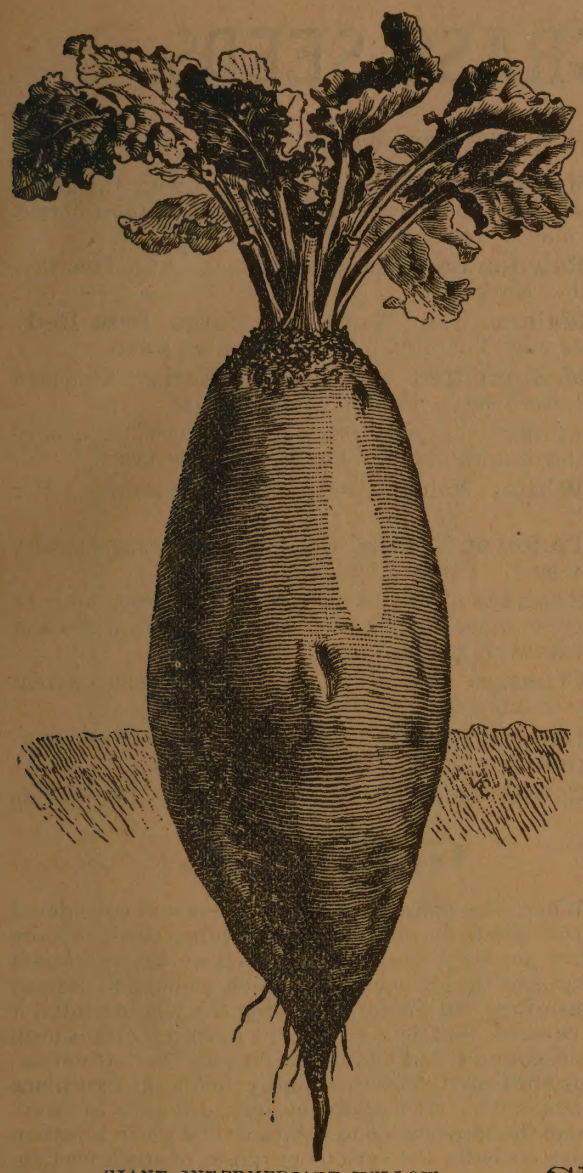
Yellow Globe, grows very large, one of the best standard varieties, per lb. 25c. In quantity of five lbs. and over, per lb. 23c.

Berkshire Prize a new English variety, one of the finest and best in cultivation, per lb. 30c. In quantity of five lbs. and over, per lb. 25c.

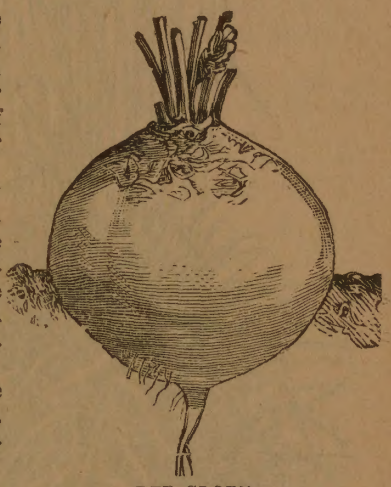
Red Globe, very choice variety, per lb. 25c. In quantity of five lbs. and over, per lb. 23c.

Long White, fine large kinds, per lb. 25c. In quantity of five lbs. and over, per lb. 23c.

Long Yellow fine large kinds, per lb. 25c. In quantity of five lbs. and over, per lb. 23c.

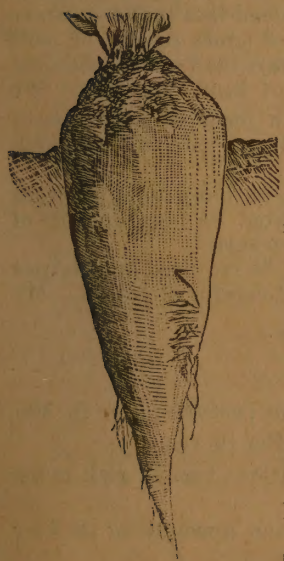


GIANT INTERMEDIATE YELLOW.



RED GLOBE

SUGAR BEET



Green Top, grows to a large size, and is used for stock feeding, in 10 lbs. lot, 30c., per lb. 27c.

Red Top, a fine variety for culture, in 10 lbs. lot, 27c., per lb. 30c.

Improved French, extra fine and productive, grown extensively in France and Germany for making sugar, per lb. 30c., in 10 lbs. lot, 25c.

Vilmorin's, extra fine quality, rich in sugar, per ¼ lb. 20c., lb. 60c.

Culture.—The soil best adapted for the Beet is a deep, light well-enriched sandy loam. Sow the seed as soon as the soil can be worked, in drills 26 inches apart, and thin out to five or six inches, keep the plants free from weeds, and the earth between the rows loose and open, by frequent hoeings.

CARROT

White Orthe Green-Top, superior productive field variety, pkt. 5c., oz. 10c. ¼ lb. 20c., lb. 50c.

White Large Short Vosges, excellent for stock, pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

White Large Belgian, very productive field variety, pkt 5c., oz. 10c. ¼ lb. 15c., lb. 40c.,

White, Evans' Half-Long, new. The best field carrot ever introduced, very productive, pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Yellow Giant Intermediate, new, a splendid variety highly recommended. Per lb. 60c.

Culture.—The Carrot succeeds best in good light, well-enriched loam. If possible the ground should be stirred to a depth of twelve to fifteen inches, using a liberal quantity of well-rotted manure, and pulverising the soil in the operation. Early sowings succeed best. The drills should be made an inch in depth, and about 30 inches apart, the plants in the rows being thinned to five or six inches asunder and kept free from weeds.

VILMORIN'S IMPROVED.

CLOVERS AND GRASS SEEDS.

Prices subject to the fluctuations of the market.

HUNGARIAN BROME GRASS.

My clover seeds have been selected with the greatest care, and the purity and excellence of the different sorts may be relied upon.

Rawdon Large late Red. Ripens with Timothy. Per lb. Market price.

Mammoth or Vermont, Large Late Red. Ripens with Timothy. Per lb. Market price.

Medium Red or Western, Early. Standard well known sort. Per lb. Market price.

Alsike. A most productive variety, especially valuable in moist soils. Per lb. Market price.

White. Valuable for permanent pastures. Per lb. 30c.

Trefoil or Yellow. Good for pastures, especially in dry land. Per lb. 20c.

Bokhara or Tree. Grows very large, may be cut three times during the season, flowers white and sweet scented, good for bees. Per lb. 20c.

Crimson. An annual variety, not grown extensively in this country. Per lb. 15c.

Lucerne or Alfalfa. Valuable variety of vigorous growth. Per lb. 15c.

Cow Grass. Perennial red clover. Per lb. 35c.

GRASSES.

When the character of our climate is considered and the necessity that exists for feeding stock indoors for five or six months of the year, we can appreciate the value of the grass crop on which we have to depend for pasturage and for forage during the whole winter, it will be seen that it is by far the most important crop in this country and claims the farmers' best attention. Of our cultivated grasses, timothy holds the first place in this country. It is however, very difficult to overestimate the importance to a farmer of a good selection of grass seeds for the various purposes of stock feeding. For mowing, or for permanent pastures, or as an alternate crop, it is a well established fact that a mixture of only two or three kinds of grass or clover will produce a smaller quantity of hay, than can be obtained by sowing a larger number of kinds together. We limit our mixture to a few sorts and do not reach the most profitable results. In a piece of land seeded with one or two favorite grasses only, small vacant places will be found which in the aggregate will diminish very considerably the yield of an acre.

For permanent pasture it is highly important that such sorts should be selected, as blossom at different periods, in order to secure as far as possible a luxuriant growth during the whole season. A large number of sorts will ensure a much denser growth than the same number of seeds of one or two sorts.

Mixtures of grasses will be furnished for every purpose for which they may be required and parties requiring mixture of grasses may rely upon their orders receiving my personal and careful attention. My mixtures of grasses for meadows, pastures and lawns, have given perfect satisfaction.

The following named grasses comprise the leading kinds.

Agrostis Alba, English Bent. Succeeds in moist situations. Per lb. 30c.

Agrostis Stolonifera, Creeping Bent. Highly recommended for permanent pasture. Per lb. 30c.

Agrostis Vulgaris, (Dispar) Red-top. Succeeds well in almost all soils. Per lb. 15c.

Alopecurus Pratensis, meadow Foxtail. Of early and rapid growth, thrives best on rich moist strong soil. Per lb. 35c.

Anthoxanthum Odoratum, Sweet Vernal. Mixed with other grasses on account of its very agreeable odor. Per lb. 40c.

Anthoxanthum Odoratum, Sweet Vernal. *True perennial.* Per lb. 80c.

GRASSES—Continued.

AVENA ELATIOR, TALL OAT GRASS.

Avena Elatior. The Tall Meadow Oat Grass is one of the European grasses that suits this country admirably, especially on strong and some-what moist soils. It is of the same season as the orchard grass, and like it yields a very abundant aftermath. This grass is worthy of a place on every farm and may be sown with confidence in the result. Per lb. 30c.

Avena Flavescens, Yellow Oat Grass. Recommended for dry pastures and meadows. Per lb. 80c.

Bromus Inermis, Hungarian Brome. This very hardy and very productive grass, which succeeds well in all fairly dry soils, is specially valuable in dry arid soils, where few other really good kinds succeed. It is a large, leafy grass which cattle appear to relish as pasture and makes a good soft hay. This grass merits special attention. Per lb. 25c. See cut page 31.

Bromus Schraderi, Australian Rescue Grass. Remarkable for its hardiness, productiveness and quick growth, specially suitable to dry lands. Per lb. 45c.

Cynosurus Cristatus, Crested Dogstail. Forms a very close turf, and may be sown for lawns and pastures on very dry and gravelly soil. Per lb. 60c.

Dactylis Glomerata, Cocksfoot, Orchard Grass. Valuable on account of its nutritious qualities and rapid growth. One of the most useful of pasture grasses. Per lb. 15c.

Festuca Duriuscula, Hard Fescue. One of the finest of the dwarf growing grasses. Will thrive on very dry soils. Per lb. 25c.

Festuca Elatior, Tall Fescue. Succeeds well in moist soils where the meadows are subject to flooding. Per lb. 40c.

Festuca Loliacea, Darnel-Leaved Fescue. Early, very productive and nutritious. Per lb. 25c.

Festuca Ovina, Sheeps Fescue. An excellent variety in dry grounds Per lb. 25c.

Festuca Pratensis, Meadow Fescue. Good for permanent pasture. 20c.

Festuca Tenuifolia, Fine-Leaved Fescue. Succeeds well in dry soil. Per lb. 35c.

Italian Rye-Grass, Lolium Italicum. Per lb. 13c.

English Rye-Grass, Lolium Perenne. Valuable for lawns and permanent pastures. Per lb. 10c.

Pacey's Perennial Rye-Grass This is the hardiest of this family of grasses and yields abundantly of fine herbage in good soil, and may be used in every mixture of grasses. For pasture, soiling or hay.

Phleum Pratense, Timothy. Our well known and most valuable hay grass. Market Price.

Poa Nemoralis, Wood Meadow Grass. Excellent for pasture, herbage of early growth. Thrives well under trees. Per lb. 50c.

Poa Pratensis, Kentucky blue grass. Best in dry soil, retains its verdure during the winter. Per lb. 15c.

Poa Serotina, Fowl meadow grass. Suitable for low moist lands, excellent grass for all stock. Per lb. 30c.

Poa Trivialis, rough-stalked Meadow grass. Good for pasture on moist soils, producing abundance of nutritious herbage. Per lb. 45c.

PACEY'S PERENNIAL RYE-GRASS.

GRASSES—Continued.

Grasses and Clover seeds. Carefully prepared to suit different soils.
Mixed Grasses for low lands. Per lb. 30c.
Finest Mixed Grass Seeds for lawns, Parks, Cricket grounds, &c. Per lb. 30c.

Directions for preparing and sowing Lawns

To form a good close velvety turf is sometimes a difficult matter and careful preparation of the ground proposed to be laid down for a lawn is necessary. This should be commenced by draining if necessary, and digging to the depth of from 6 to 12 inches according to the nature of the soil; the surface must be made entirely level and firm with a heavy roller and aferwards carefully raked to remove stones, etc. The greatest care should be taken to give a uniform foundation at a uniform depth and to make the upper six inches everywhere the same and of uniform structure of good garden soil. When prepared in this way, there should be no uneven spots, hills or hollows, which disfigure many lawns, and take a variety of tints in different parts: if the land is stony a supply of good mould should be spread over it to the depth of 2 or 3 inches and the whole thoroughly enriched with well rotted manure.

After the ground has been made thoroughly fine and clean, a heavy roller should again be used to make it perfectly level, it should then be raked and the seed sown, about 40 lbs. being required to seed an acre or arpent.

When the grass has well taken, it can only be kept in good order by repeated mowing and rolling, occasional top dressing and cleaning with a lawn rake.

It will sometimes happen that annual weeds, indigenous to the soil come up, these can be checked if not destroyed by mowing them off as soon as they make their appearance: dandelions and daisies too, will often appear and these may be cut up, each one singly, about an inch below the surface.

For lawns requiring improvement, it is only necessary to sow fresh seed at the rate of about 20 lbs. an acre, either in the spring or autumn: in this country, spring sowing will answer best, using a small tooth rake and rolling afterwards.

Moss in lawns is generally a sign of poorness in the soil or want of drainage; to effect its removal, rake off as much of the moss as possible, apply a top dressing of quick lime and rich compost, and sow more seed in spring, On croquet grounds where turf has become bare through constant use, a thick sowing of seeds on the bare spots previously stirred up early in the spring, with subsequent rolling, will be found very beneficial. A slight dressing of fine manure over the whole ground late in the fall will greatly assist the growth of the finer kinds of grass, and help to produce a close growing turf. Mowing alone will not insure a good bottom, it should also have the compression which a roller only can give.

MILLETS.

Annual forage plants valuable which furnish green fodder and hay, in from sixty to ninety days, from the seed, producing on good soils a large yield of excellent forage, highly relished by stock. All the varieties should be cut in the blossom. Sow from one half to three quarters of a bushel per acre.

Prices vary with the Market

Common Millet. (*Panicum Miliaceum.*) Very early; height two to three feet; foliage broad and very abundant; heads very open, branching panicles; seeds, glossy, oval; somewhat flattened.

White French Millet. Early; height, from three to five feet. Spikes numerous, seeds, large round, pure white.

Hungarian Grass. (*Panicum Germanicum.*) Early; height, two to three feet; abundant foliage and slender heads; withstands drought and yields well on light soils.

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Wild Rice. For seeding lakes or lagoons. Per lb. 30c., in 10 lbs. lots 25c.

Culture—Sow in water from six inches to five or six feet deep. Soft black mud bottom preferred, but must be mud. Work the bottom over carefully and pick out the best places. Sow as you would any grain. Where pond lilies grow it will begin to grow the day it is sown. Avoid a windy day, the rice being light. After being on the water a few moments it gets wet and sinks to the bottom. If sown in a river, avoid the current as much as possible, sow in bays or lagoons. The rice is self sower in the fall; the seeds drops off when ripe and the old stalks sink to the bottom, decompose and make manure for the seed.

NEW FORAGE PLANTS.

SACALINE, POLYGONUM SACHALINENSE.

A NEW FORAGE PLANT FROM RUSSIA.

CHARLES BALTET, France.

The following description of the above new plant is from the *American Agriculturist:*

The severe drouth which Europe passed through this year, will, I think, enable horticulture to come to the aid of agriculture with a new forage plant, giving such help as it did to vine growing twenty-five years ago, in introducing the practice of grafting vines on the phylloxera proof American stocks. The proposed plant is the Saghalin knot-weed, *Pologonum Sachalinense*, called in France **Sacaline**, a perennial plant, hardy and vigorous, bearing with equal indifference extremes of heat in summer and cold in winter. We have cultivated this plant since its introduction into France, for purely decorative purposes. **The young, white shoots are eatable,** but they do not rival asparagus, though its splendid foliage may be made use of for garnishing dessert and for packing fruit. Moreover, the experiments of M. Doumet-Adanson on the forage uses of our Polygoneæ transmitted to the *Academie des Sciences* of Paris by M. Duchartre, and the communications I have made to the *Société Nationale d'Agriculture* of France, have brought the plant into notice, and called the attention of farmers to it. The **Sacaline** was discovered by the Russian explorer, Maximowicz, in the Isle of Saghalin, situated in the Sea of Okhotsk, between Japan and Siberia, a moderately large island, ceded to Russia by Japan in exchange for the Kurile Archipelago. In 1869, Edouard André noticed this new introduction, in the *Jardin d'Acclimatation* of Moscow, where it was exceedingly decorative, and brought it into France, telling us of its vigorous growth both above and below ground. **The roots branch on all sides, and pass horizontally from the rhizomes, penetrating the hardest soils and giving origin to new shoots which further increase the size of the clump.** The stems are numerous and closely set; they vegetate early, and are not long in attaining a height of **nearly ten feet.** Small, long, zigzag ramifications develop in the middle and at the top of the luxuriant plant.

The experiments made at Baleine are sufficiently conclusive as regards the question of fodder. A young plant put into the ground is not slow in covering a surface three feet square with its leafy branches. The first cutting is made when the stems are from three to four and a half feet in height; if the second growth is strong enough, a second harvest is gathered, but in the following years three or four annual cuttings can be very safely made.

The total produce of the green forage may range from about **forty-four to eighty-eight pounds per square yard (or ninety-five to one hundred and ninety green tons per acre).** According to the observations of the president, M. Doumet, cattle are extremely fond of it. M. Edouard André has tried it under these conditions, also M. Gustave Huot, president *du Comité Agricole de l'Aube*, and so have other growers with equal success. The **Sacaline** does not yield seed freely in this climate, so it has to be multiplied by the rhizomes. An ordinary soil suffices: nevertheless, a little extra moisture serves to increase the strength and facilitate a second green crop. During the winter no protection is needed. The dormant stems should be cut down in spring before the new buds develop. In spacing the plants, allow for three feet of ground being covered by the abundant and nutritive vegetation.

THE NEW FORAGE PLANT.—"SACALINE."

There never has been a time when the question of forage plants did not merit consideration here. Portions of the West have passed through a drought such as we have not had for years. There can be no question that certain of our best forage plants have suffered seriously and we shall have a thin stand next year. In *Garden and Forest* attention is called to **Polygonum Sachalinense (Sacaline)** which has received such high praise in Europe. It is certain that this plant will prove valuable in many parts of the United States, **especially in the West.** It is not only **perfectly hardy in Central Iowa,** so far as cold is concerned, but it stands the dry weather remarkably well. We have had no rain to speak of since the latter part of July, but this plant is **as green at the end of September as it was early in July.** The root stock of this plant is sent out in all directions. The original plant has been in a dry place for many years, but in all this time it has not once been killed back. It is a remarkable grower, **early in June** many stalk were **fourteen feet** in length!!—What is needed in the West is a plant that can be used in August and September when pastures are nearly always short. If the first and second crop could be used for the silo (it is said it can) the crop in August and September would be excellent for immediate use. Rape is now used to some extent, but the *Polygonum Sachalinense* would be easier to grow as it does not require replanting every year as rape does.

Professor L. H. PAMMELL.

Iowa Agricultural College, Ames, Iowa.—In *Garden and Forest,* October 11th.

The Analysis of Stems and Leaves of Sacaline is as follows:

Water	36.4
Organic Nitrogenous matter	19.06
Fatty matter	4.4
Woody matter	8.1
Extractive matter not Nitrogenous	24.64
Mineral matters	7.4
Phosphoric Acid	1.57

This analysis proves **Sacaline to be more nutritious than Clover or Lucerne,** which contains only 16% of Nitrogenous matter and 3% of fatty matter.

C. BALTET.

WHITE MARROW CABBAGE.

I introduced this plant last year at the instance of some of the members of the Agricultural Clubs and it gave entire satisfaction. It partakes of the character of both a Kohl rabi and Cabbage. The plant grows to three and four feet in height and the stalk thickens gradually from the root to the middle to about three inches, so that the whole stalk is like a greatly elongated Kohl rabi; the bunch of leaves on the top, furnishes a very large weight of succulent forage per acre, which may be used in late summer and fall. This will not disappoint. I can strongly recommend it. Per oz. 20c.

LATHYRUS SYLVESTRIS WAGNERI.

This is a perennial plant that is said to yield a very large weight of forage per acre. It is allied to the vetches and peas. It is perfectly hardy, and once planted will give no further trouble, and is said to succeed well in rocky spots that will produce nothing else. This is well worthy of a trial. Per oz. 30c.

SEED GRAIN.

As the prices of the following vary with the Market, quotations will be given on application.

WHEAT.

Winter. Several choice sorts. Market price.

Spring Black Sea. A red bearded spring variety, well adapted for this country, ripens early. Market price.

" **Fyfe, Red.** A bald variety of spring wheat, a general favorite, not liable to rust. Market price.

" **Fyfe, White.** Bald spring, very hardy and productive. Market price.

" **Fife, Manitoba.** From the North West. Very choice sample. Market price.

" **White Russian.** A very productive, bald, spring variety. Market price.

" **Colorado.** Red bearded, very hardy and productive. Market price.

BARLEY.

Four or Six Rowed. Of very quick growth, choice selected. Market price.

" " **Mensury.** One of the most hardy productive sorts. Market price.

Two Rowed Duckbill and other kinds. Succeeds well on most good soils. Market price.

" **Black.** Excellent for feeding purposes. Market price.

OATS.

White Canadian. Superior quality, choice clean seed. Market price.

" **American Banner.** This is steadily growing in popularity, very productive. Market price.

And several other choice kinds.

PEAS.

Golden Vine. A well known productive variety. Per bushel, Market price.

Prince Albert. Larger than the preceding and equally productive. Market price.

Mummy. Very productive, highly recommended. Market price.

Black Eyed Marrowfat. Grown extensively by market gardeners for selling in a green state. Market price.

White Marrowfat. A fine variety for canning when green. Market price.

FIELD BEANS.

Early Bonnemain, the earliest of all beans, thin skinned and tender. Per pkt. 5c., lb. 20c., peck $2.25.

Wonder of France, maintains its greeness even when ripe and cooked. Per pkt. 5c., lb. 25c.

Marrow, The largest of the white beans, rich and well flavored. Per pkt. 5c., lb. 10c.

Kidney, excellent as a shell bean. Per pkt. 5c., lb. 15c.

Pea-Bean, one of the best for use in the dried state, very productive. Per pkt. 5c., lb. 10c.

Evans' Early Prolific Pea-Bean, earlier and more productive than the former. Per pkt. 5c., lb., 10c.

INDIAN CORN.

For ensilage and soiling, several choice, quick growing varieties, selected expressly for seed, all of which have succeeded well and given perfect satisfaction for the past 10 years. Market price.

Southern Ensilage, extraordinary productive sort.

Western, yellow. Very popular kind.

Red cob, a white corn, one of the best.

Evans' White Tree, highly recommended.

Sanford. An early white flint variety, very stocky leafy kind.

Compton. A tall yellow flint corn that will do for either grain or forage. Excellent.

Longfellow. This resembles the Compton and answers a similar purpose.

These three last varieties ripen their grain thoroughly, being very early kinds.

MISCELLANEOUS.

Tares Black, well known variety.

Tares White, well known variety. Very productive.

Buckwheat, Silver Hull, much superior to the common kind,

Buckwheat, Common selected, clean seed.

Buckwheat, Japanese, the earliest and largest yielding variety

Rye Spring, choice seed. Per Bushel of 60 lbs., market price.

" **Winter** " " " " " "

Horse Beans, for seed, home grown and imported. Per Bushel of 60 lb., market price.

Flax, choice samples for sowing and for consumption " 56 " "

Lentils Extra Large Yellow, for seed or cooking. Per lb 50c.

Sainfoin, Double Cutting, very important forage plant, thriving best on dry calcareous soils. Per lb. 20c.

Sunflower Large Russian. Extensively used now-a-days for ensilage purposes. Per lb. 25c.

" **Common.** Per lb. 20c.

Holcus Saccharatus, (Chinese Sugar Cane), valuable forage plant. Per lb. 15c.

" **Sorghum,** (Broom Corn) " " " "

Soja hispida. This is the richest of all the bean family and is likely to take a high place for mixing with corn for ensilage purposes. Per lb. 25c.

Rape Spring, for sheep, may be sown after early grain. Per lb. 10c., 10 lbs. 8c.

Prices of the above articles being subject to continual fluctuation are not given.

Samples and quotations will be furnished on application.

FLOWER SEED DEPARTMENT.

Annuals, and such other plants as may be easily obtained from seeds, are the flowers for the people. Every one should grow flowers to a greater or lesser extent, even though it should be only a box of mignonette in a window sill or a row of sweet peas or scarlet runners in the back yard. But in the more elaborate flower garden, whether it be large or small, as good effects may be secured from a well chosen selection of annual flowers as from the much more expensive stocks of the florist. It is not every one, even amongst the well to do, who can afford to go to the florist and buy plants at a dollar the dozen or even half that sum. Happily, no householder need be hindered on that account from having his flower patch. From a dozen or less five cent packages of flower seeds any one may have a garden that will rival that of his richer neighbor. Single plants of splendid foliage may be grown from seed that will reach six or eight feet in height by midsummer if large specimens are desired, from the Castor oil plant, Giant Hemp or striped Maize. If plants of smaller size and brilliant foliage are desired, these may be secured from some of the Cannas, Amaranths or some of the large variegated Grasses ; if fragrance is the object then Mignonette, Sweet peas and Musk plant, besides a great many others, while for borders, ribboning or masses, there are hundreds amongst which a choice may be made.

Many annuals will, if the flowers are picked off as they fade, and are not allowed to go to seed, continue flowering during the entire season, and the colors are generally very decided and well maintained to the end, and as all the different sections can now be obtained, from reliable growers, in distinct colors, they may be sown with confidence that they will be true to description, so that the amateur need not hesitate to attempt any desired effect in color.

For the convenience and help of any who may desire to attempt any special effects but who may not be fully acquainted with the different classes of plants, I shall give lists of plants of the several colors, with heights, so that an intelligent choice may be made by any one.

Annuals with white flowers, of 6 inches or less in height.

Sweet Alyssum
Aster, Dwarf bouquet
Daisy, white, double
Dianthus, Snowflake
Pansy, pure white
Candytuft, Tom Thumb
Ageratum, Dwarf white
Phlox Drummondi Snowball
Silene Compacta Snow King.

Annuals with white flowers, eight inches or more in height.

Anthemis Cupaniana
Candytuft Rocket
Candytuft Empress
Chrysanthemum, Dunnett's white
Feverfew, (matricaria)
Stock, 10 week white
Asters, Snow ball, Mignon and others
Heliotrope Suaveolens
Dianthus Chinensis, white
Calendula Pongeii, white
Phlox Drummondi Grandiflora
Iceland Poppy, white.

Annuals with scarlet and Crimson flowers, six inches in height.

Asters
Dianthus
Petunia
Saponaria Calabrica, scarlet queen
Tropeolum, scarlet Lobbianum
Nasturtium, crimson Tom Thumb
Virginian Stock
Candytuft, crimson
Daisy
Phlox Drummondi Heynholdi, scarlet, fireball
Phlox Drummondi, crimson
Silene Compacta Zulu King
Verbena Defiance, scarlet.

Annuals with crimson and scarlet flowers, eight inches or more in height.

Poppy Danebrog
Zinnia, Dwarf Tom Thumb, scarlet
Geum Coccineum
Lychnis Haageana
Phlox Drummondi splendens
Salvia Coccinea splendens
Linum Grandiflorum rubrum
Nasturtium, scarlet
Dianthus, crimson belle.

Annuals with blue flowers, about six inches in height.

Ageratum, Dwarf blue
Aster, Dwarf blue
Lobelias
Forget Me Not
Nemophila Insignis
Centaurea Cyanus, blue
Aubrietia Deltoidea
Eutoca Viscida
Pansy, blue, Beaconsfield
Campanula Speculum, blue.

Annuals with blue flowers of eight inches or more in height.

Phacelia Campanularia
Delphinium Chinense Nanum
Salvia Pitcheri
Asters, blue
Salvia Nutans.

Annuals with yellow flowers, six inches in height.

Pansy, yellow
Mignonette, golden queen
Tagetes Signata Pumila, golden ring
Marigold, Dwarf yellow
Sanvitalia Procumbens, double
Nasturtium, Tom Thumb, golden king
Calendula Meteor
Eschscholtzia Californica

Annuals with yellow flowers eight inches in height.

Calendula, Le Proust
Chrysanthemum Dunnett's Golden
Marigold, Dwarf French
Gaillardia Picta
Nasturtium, yellow
Calendula Sulphurea
Erysimum Pulchellum
Marigold, Dwarf African
Coreopsis
Zinnia, Dwarf yellow.

Annuals with pink and rose flowers.

Asters, clear pink
Godetia Bijou
Phlox Drummondi, rosea
Dianthus Eastern Queen
Verbena Venosa
Candytuft, flesh
Gypsophila Muralis
Phlox Drummondi Delicata
Saponaria Calabrica
Virginian Stock, Fairy Queen

Annuals with special foliage, golden.

Golden Feather Pyrethrum
Verbena Defiance, golden foliage
Lobelia Goldelse
Beet Chilian, yellow

Annuals with silvery foliage.

Cerastium Biebersteini
Centaurea Candidissima Argentea Vera
Honesty, Variegated, silvery
Cineraria Maritima Candidissima
Echeveria Secunda Glauca
Salvia Argentea Candidissima
Beet Chilian Silver

Plants with red and bright foliage.

Amaranthus, Amabilis Tricolor
" Bicolor Ruber
" Superbus
" Tricolor Splendens
Beet Chilian, scarlet foliage
Cannas
Coleus, various, bright colored foliage
Perilla Nankinensis, variegata
Ricinus, (Palma Christi).

Plants with variegated and striped foliage.

Honesty, Lunaria Biennis, variegated foliage 1 ft.
Nicotiana, Tobacco, variegated foliage, 6 feet
Corn, striped, Japanese, 6 feet
Corn, striped, miniature, 2 feet
Eulalia Zebrina
Panicum plicatum

Large specimen Plants to stand singly.

Amaranthus salicifolius, fountain plant
Canna Gigantea and others
Cannabis Gigantea, giant hemp, splendid foliage
Carduus Benedictus, (Holy thistle) has handsomely marked foliage
Castor Oil Plant, Palma Christi
Chamæpeuce Cassabonea. Fish bone thistle. Ornamental foliage.
Datura Fastuosa
Hollyhocks
Nicotiana Colossea, a magnificent plant.
Perilla Macrophilla Compacta
Verbascum Pannosum
Wigandia Caraccassana.

Plants with fragrant flowers.

Asperula Odorata
Alyssum, sweet
Balm Moldavian
Candytuft, fragrant
Carnation
Datura, all the varieties
Hesperis Matronalis, sweet rocket
Mignonette
Martynia, formosa or fragrans
Musk, Mimulus Moschatus
Nicotiana affinis, very sweet
Stocks 10 weeks
Sweet Peas
Sweet Sultan
Wallflower.

Climbers.

Adlumia Cirrhosa, a graceful, slender climber
Calampelis Scabra, hardy, flowers orange scarlet
Cardiospermum Halicacabum, a lovely sweet scented flower
Cobea Scandens, grows rapidly, large dull purple broadbell shaped flowers
Convolvulus Major, (morning glory), fine, rich pure colors
Cucumis flexuosus, snake cucumber
Cucumber Wild, a very pretty climber that requires little or no care
Cyclanthera Explodens, a pretty climber with curious fruits
Everlasting Peas, very rich and showy
Gourds, mixed sorts, rapid climbers with curious flowers
Humulus Japonicus, Japan hops
Ipomea, several sorts
Sweet Peas
Lophospermum Scandens
Maurandya Barclayana
Momordica Balsamina
Nasturtium climbing
Passiflora, Passion flower, hardy climber, blue and white
Scarlet Runners
" " Painted Lady, upper petals, soft rose
Smilax
Tropæolum Canariense
" **Lobbianum.**

Perennial Plants.

Agrostemma, Rose Campion
Anchusa Barrelieri, fine blue
" Angustifolia "
Aquilegia, all the species and varieties
Asters, Perennial
Armeria Maritimum splendens
Arabis Alpina
Aubrietia Deltoidea
Baptisia Coerulea, light blue
Bellis Perennis, Daisies
Callirhoe Verticillata
Campanula Carpatica
" Grandiflora
" Divergens
" Macrantha
Canterbury bells
Carnations
Clematis
Coreopsis Grandiflora
Delphinum, all the species
Dianthus Barbatus
Digitalis
Erysimum Arkansanum
Forget-me-not
Gaillardia Grandiflora
Hesperis Matronalis
Hollyhocks
Lathyrus Latifolius, (perennial peas)
Lobelia Cardinalis
Lupins, perennial
Lychnis
Lythrum
Myosotis, (Forget-me-not)
Pansy
Papaver, bracteatum
Poppy Iceland
Phlox
Pink English
Polemonium Grandiflorum
Potentilla
Primrose English
" Cashmeriana
" Cortusoides
" Floribunda
Pyrethrum Roseum, single and double.
Sweet William (Dianthus Barbatus)
Valerian Red
Viola Odorata
Wahlenbergia Grandiflora

ORNAMENTAL GRASSES. Per pkt. 5c.

Agrostis Multiflora, a lovely grass for bouquets
" **Nebulosa,** the most ornamental of all the grasses
" **Pulchella**
Anthoxanthum gracile, for edgings, lovely
Briza Maxima, beautiful, very pretty as it sways in the wind
" **Minima,** a miniature of the above, very slender
" **Rotundata,** new
Brizopyrum Siculum, beautiful for edgings
Bromus Brizæformis, an elegant grass
Coix Lachryma (Job's Tears), corn like leaves
Eragrostis Elegans, love grass, used for bouquets
" Amabilis, " " "
Erianthus Ravennæ, picturesque, produces a fine effect, 4 to 5 feet
Festuca Rigida, beautiful to cut for bouquets
" Stipoides, " "
Hordeum Jubatum, squirrel tail grass, pretty
Lagurus Ovatus (Hare's Tail)
Pennisetum Violaceum, new, pretty tint
" Rupelianum, an ornamental grass of unrivalled beauty
Poa Amabilis, for edgings and bouquets
Stipa Pinnata Feather Grass, magnificent
" Elegantissima, popular and graceful
Tricholena Rosea, beautiful rose tinted grass.

WILD GARDEN.

Wild Garden Flower Seeds.

A mixture of various kinds of flowers in three sections.

	Pkt
No. 1. About eight inches in height and less	10
No. 2. About one foot in height	10
No. 3. Fifteen inches and upwards	10

COLLECTION OF CHOICE FLOWERS SEEDS.

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These collections have been procured from the most reliable European growers and the greatest care has been taken in their selection. I can confidently recommend them as being the best in cultivation.

For packets of mixed colors of these collections, see general list.

ANTIRRHINUM (SNAPDRAGON).

Finest Tall—6 distinct colors	per collection	$0 30
Tom Thumb—6 distinct colors	"	0 30

ASTERS.

Dwarf Chrysanthemum flowered—5 distinct colors	per collection	0 40
" **Bouquet (Boltz's)**—10 distinct colors	"	0 50
Giant Emperor, Enormous flower—8 distinct colors	"	0 70
Betteridge's Quilled, taller than the ordinary sort, globular and better filled—12 distinct colors	"	0 60
Shakespeare Extra Double—small plant and most perfect flowers—10 distinct colors	"	0 75
Truffaut's Improved New Perfection Pæony-flowered—12 distinct colors	"	1 00
" **Dwarf large flowering Pæony, extra fine**—8 distinct colors	"	0 75
Dwarf Victoria, extra fine—8 distinct colors	"	0 70

BALSAMS.

Camellia-flowered or Spotted—10 distinct colors	per collection	0 80
Carnation-flowered, Striped—8 distinct colors	"	0 75
Dwarf Double Camellia-flowered—8 distinct colors	"	0 75
Improved Camellia-flowered—10 distinct colors	"	0 75
Rose-flowered, Extra—12 distinct colors	"	1 00

DIANTHUS CHINENSIS.

Ten fine new varieties separate	"	0 75

EVERLASTINGS.

Ten fine varieties, separate	per collection	0 50

FERNS.

Twelve distinct varieties from finest collection in Europe	per collection	1 00
Six " " "	"	0 50

HEART'S-EASE, FINEST LARGE-FLOWERING.

Twelve distinct varieties	per collection	1 00

HOLLYHOCKS (CHATER'S).

Seed saved from the most beautiful varieties of this celebrated collection.

Eighteen distinct colors	per collection	1 50

MARIGOLD DOUBLE.

African, six separate varieties	per collection	0 25
French, ten " "	"	0 40

MARVEL OF PERU.

Eight distinct colors, separate	per collection	0 35
Gold-striped leaves, six distinct colors	"	0 25

MORNING GLORY.

Ten separate colors ..... per collection 0 45

PETUNIA, LARGE-FLOWERING VARIETIES.

Twelve distinct varieties, single finest ..... per collection 1 00

PETUNIA LARGE FLOWERING DOUBLE.

Six finest sorts, new, separate ..... per collection 1 00

PHLOX DRUMMONDI LARGE FLOWERING.

Twelve distinct varieties ..... per collection 1 00

POPPIES, DOUBLE CARNATION.

Ten different varieties ..... per collection 0 50

PORTULACA, LARGE FLOWERING DOUBLE.

Six splendid varieties ..... per collection 0 75

SALPIGLOSSIS, LARGE FLOWERING.

Eight varieties, separate ..... per collection 0 40

SCABIOUS LARGE FLOWERING DOUBLE.

Large flowering, eight separate colors ..... per collection 0 35
" " Dwarf, double in 8 colors ..... " 0 35

10 WEEK STOCKS LARGE FLOWERING.

SAVED ONLY FROM THE FINEST POT PLANTS.

Autumnal flowering—8 distinct colors ..... per collection 0 75
Brompton—12 distinct colors ..... " 1 00
German Ten-Weeks, large flowering—12 splendid varieties ..... " 1 00
Giant Tree, Ten Weeks, large flowering, **extra double**—of large growth and compact stalks—5 distinct colors ..... " 0 50
Large flowering Dwarf, Ten-Weeks—12 distinct colors ..... " 1 00
" " " **Pyramidal, Ten-Weeks**—10 distinct colors ..... " 0 75

Any of the above mixed, per pkt. 10 cents.

SWEET PEAS.

Ten distinct colors ..... per collection 0 45
Twenty " " ..... " 0 85
" " containing many new varieties ..... " 2 25

WALLFLOWERS.

Six splendid double varieties, separate ..... per collection 0 50

ZINNIA ELEGANS DOUBLE.

Six finest varieties ..... per collection 0 50

Collections of Annuals, Biennials, Perennials.

MY OWN SELECTION.

Twelve packets choice Hardy Annuals 0 50
Twenty-five " " " " 1 00
Fifty " " " " containing some new varieties 2 00
Twelve " choice Biennials and Perennials " " 0 50
Twenty-five " " " " " " " 1 00
Fifty " " " " " " " 2 00

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COLLECTIONS OF ORNAMENTAL GRASSES.

Six choice varieties, separate 0 25
Twelve " " " 0 50

List of novelties and varieties of merit.

JEWEL ASTER, APPLE BLOSSOM.

ASTER, Princess Rosalind. Small, very double flowers of a soft rose, lovely. Per pkt 25c.

Jewel, Apple blossom. This is a new class of this favorite flower with incurved flowers of good size, and will easily take a first place. Per pkt 20c.

Queen of the market. This is equal to the best of the old well-known sorts and flowers two or three weeks earlier. Per pkt 20c.

Prince of Wales. Flowers dark crimson and very large. One of the best of the new things this season. Per pkt 20c.

BALSAM. Evans' prize. This is still unsurpassed and may be relied on for exhibition purposes. Per pkt 10c.

CAMPANULA Persicifolia Backhausei. The flowers of this beautiful and thoroughly hardy perennial, are of the purest white, are much larger than the type, and remain in bloom a long time. A valuable introduction. Per pkt 25c.

CANNA. Emperor William. New, splendid. Per pkt 20c.

CARNATION, Marguerite, Snowflake. Pure white, early flowering. Per pkt 25c.

CASTILLEJA indivisa. A handsome hardy annual with scarlet flowers in dense spikes. Per pkt 25c.

CONVOLVULUS Major, Double flowered, new. Per pkt 20c.

DAHLIA, White Queen. Very beautiful, pure white. Per pkt 20c.

DELPHINIUM ZALIL, Sulphureum. This is unique and beautiful. Per pkt 20c.

EULALIA ZEBRINA. For this fine new thing, see general list page 73. Per pkt 25c.

EULALIA ZEBRINA.

LOBELIA Golden Queen. This takes its name from the color of the foliage which is a lively tint of yellow, while the flower is of a fresh clear blue. Per pkt 25c.

MICHAUXIA Campanulata. A new perennial with large white bell-shaped flowers.

MYOSOTIS Dissitiflora. True, beautiful large flowered Forget-me-not. Per pkt 25c.

MARIGOLD, Legion of Honor. Purple and gold, beautiful. Per pkt 10c.

PANSY, Evans' best. This is the best to be had, and may be relied on to give the most perfect flowers. Per pkt 50c.

French. New, large flowered Parisian. this comes highly recommended and is offered with confidence. Per pkt 25c

MYOSOTIS DISSITIFLORA.

HEARTS-EASE.

PANSY, German. From one of the most reliable seed growers, who makes a specialty of Pansies. Per pkt 50c.

English. This will produce the most perfect flowers in form, color and substance. 50c.

PENTSTEMON Gordoni Splendens. New hardy perennial, from the mountains of Colorado, which covers itself with shining blue flowers. Per pkt 25c.

PHLOX Drummondi. New semi double white. 25c.

PRIMULA Chinensis Fimbriata Alba Magnifica. This is the finest white Primula ever raised and is so acknowledged by all connaisseurs. Per pkt 75c.

Forbesi. New, excellent for pots and bouquets, lovely rosy lilac flowers; begins to bloom in three months from the sowing and continues in bloom a long time. Per pkt 50c.

Obconica Grandiflora. The flowers of this have gained very much in size and form over the old sort. Per pkt 25c.

Verticillata. This new species bears large golden yellow flowers, a splendid thing. Per pkt 50c.

ROSA Polyantha Multiflora. Dwarf perpetual flowering. This rose, when sown early in a warm-house or hot bed, often flowers the same season in the end of summer. These seedling roses will give thorough satisfaction. Per pkt 25c.

STOCK Dresden White, Princess Alice. Fine large double flowers of the purest white, early flowering. Per pkt 20c.

Brompton Snow White. This is a winter flowering variety, very double, pure white, excellent. Per pkt 25c.

Dwarf Queen. New blood red, extra. Per pkt 25c.

SWEET PEAS. I have introduced about **30 new sorts** this season. See general list, page 58.

Henderson's New Double. This seed will give a large percentage of double flowers in three colors, white, pink and crimson. The flowers are large and fragrant. Per pkt 25c.

RUDBECKIA Newmanii. New, brilliant yellow and brown, dwarf, flowers abundantly during the greater part of the season. One of the finest late flowering perennials. Per pkt 50c.

VERBENA, La Neige, purest white. Compact plant, a beautiful bedding plant. Per pkt 25c.

Purple King. A very beautiful tint, large flower with white eye. Per pkt 20c.

Venosa. This is not new, but has proved such a beautiful bedding plant, and received so much notice and admiration at "Rocklands," Mr Joyce's place, last summer, that I have imported it again and now offer a choice lot of it. Per pkt 10c.

ZINNIA, Double Liliput. "Scarlet Gem." An extremely pretty plant that comes true from seed, and makes a handsome pot, when grown in that way. Per pkt 20c.

SWEET PEAS, NEW KINDS.

A Descriptive General List

. . . . . OF . . . . .

CHOICE FLOWER SEEDS.

MANY who do not meet with success in the culture of Flowers, attribute the difficulty solely to the seeds, overlooking the important fact that Flower Seeds require careful and particular treatment, and that the treatment, and conditions which with one variety will produce the most satisfactory results, may utterly fail with another.

To insure success, the conditions and requirements of the several species as to soil, moisture, heat, light etc., should be studied and then observed in culture. We feel sure that the pleasure resulting from the cultivation of flowers will amply compensate for the time and care expended.

SELECTION OF VARIETIES.—Success in flower culture depends quite largely upon a judicious selection of varieties. Every sort we offer is, under certain conditions, attractive and desirable, but some of them, while exceedingly beautiful under favorable circumstances, will be most unsatisfactory under others; we therefore urge our friends to study carefully the lists offered when ordering, that they may select the sorts best suited to their wants.

THE SOIL.—Another great object to be considered is the soil in which flower seeds are to be sown. The soil best adapted to flowering plants generally, is a light, friable loam, containing a sufficiency of sand to render it porous. A great many varieties will *live* in almost any kind of soil, except it be, of a stiff, heavy character; still, to give them a fair chance for development, some little pains should be taken in adding to the soil, as much as possible, what may be wanting in it. Most flowers are better if produced on plants of vigorous growth, the greater portion of the garden then should be prepared by deep digging, and liberally enriched with *well rotted* manure. On the other hand, some sorts do best on poor soil, and a portion of the garden should be left without enriching for them. As the process of germination is shorter or longer in the different kinds of seeds, the patience of the cultivator is often sorely tried with seeds which germinate slowly; the patience of a devoted florist, however, is never exhausted in these manipulations, and the certainty of his final success repays him fully for the trouble.

Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants, and we urge every purchaser of our seeds to study carefully the **cultural directions printed on each package**, and keep in mind the following golden rules for sowing flower seeds;

Make the surface as fine as possible.

Do not sow any of the seeds when the ground is at all wet.

Cover each lot of seeds to a uniform depth, which should never be more than three or four times the diameter of the seeds.

Press the soil firmly over the seed.

Sow in rows so that the young plants can be easily seen, and pull up all weeds which spring up between the rows the day they appear, but do not pull any plants out of the row until you are sure they are weeds.

WE OFFER THE FOLLOWING LIBERAL INDUCEMENTS

To Clubs, or those who wish to Purchase Flower Seeds in Quantity. These Low Rates Apply only to Seeds in Packets, but the Seeds will be Sent by Mail, Post-Paid.

SEND US $1 00 AND SELECT PACKETS TO THE VALUE OF $1.15.
SEND US $2.00 AND SELECT PACKETS TO THE VALUE OF $2.35.
SEND US $3.00 AND SELECT PACKETS TO THE VALUE OF $3.60.
SEND US $4.00 AND SELECT PACKETS TO THE VALUE OF $4.85.
SEND US $5.00 AND SELECT PACKETS TO THE VALUE OF $6.15.
SEND US $10.00 AND SELECT PACKETS TO THE VALUE OF $12.00.
SEND US $20.00 AND SELECT PACKETS TO THE VALUE OF $25.00

All Flower Seeds Sent Free by Mail on Receipt of Price.

ABRONIA UMBELLATA.

per pkt.

ABRONIA.—Handsome trailers with Verbena like flowers, which succeed best in sandy soil. Half hardy annuals.

Umbellata, rosy-lilac flowers.....15

ABUTILON (Flowering Maple)—Very popular green house shrub, with bell shaped, drooping flowers, which vary in color, pure white and yellow to deep orange and crimson, and are borne in great profusion the entire year. Well adapted for house culture.

Finest Mixed.....10

ACROCLINIUM (Everlasting).—Very pretty, half hardy annual, with rose and white daisy like flowers. These are "Immortelles" and are fine for winter bouquets and wreaths. Height one foot.

Roseum, double light rose.....10

AGERATUM.—Very profuse and constant bloomers; excellent for cut flowers and in borders. Hardy annual, easily grown.

Mexicanum Imperial Dwarf White.....10

" **Tom Thumb, dwarf blue,** desirable for edging.....5

Lasseauxi, rose colored.....10

AGROSTEMMA CORONARIA ROSE CAMPION.

AGROSTEMMA.—Very useful to cut for bouquets, and pretty in masses in beds. The annual variety is known as Rose of Heaven; the perennial as Rose Campion. One and a half feet high; hardy

Coronaria, crimson; perennial.....5

Cœli-Rosea, rose, white centre; annual.....5

per pkt.

ALONSOA.—Properly green-house plants, but bloom finely in open ground when treated as tender annuals. Flowers remarkably brilliant; height one and a-half feet.

Warczewiczii, bright crimson.....5

ALYSSUM.—Sweet, (maritimum compactum,) flowers pure white of a popular, delicate fragrance. Hardy annual; grows one foot high.....5

Golden (saxatile,) golden yellow; showy in masses. Hardy perennial; height one foot...5

AMARANTHUS.

AMARANTHUS.—Beautiful foliage plants, invaluable where striking contrasts in color are desired. Succeed best on light soil. Seed may be sown out doors after settled warm weather.....5

Melancholicus ruber, blood red foliage. Hardy annual; two and a-half feet high.....5

Tricolor, leaves yellow, red and green; "Joseph's Coat." Hardy annual; two feet high.....5

Tricolor Splendens. This is one of the finest foliage plants, the colors are of the brightest tints, and the plant is compact.....5

Salicifolius, (fountain plant,) two and a-half to three feet high. Leaves beautifully undulated, varying from green to bronze and later to a bright orange red.....10

Superbus, richly colored in many shades, unequalled as a decorative plant.....10

AMMOBIUM (Everlasting).—Hardy annual; height two feet. Pure white.

Alatum grandiflorum.....5

per pkt.

ADONIS AUTUMNALIS (Pheasant's Eye) A handsome, hardy, annual, one foot high, of finely cut dark green foliage, in which are set the intense blood red flowers, giving the plant a very striking appearance..... 5

ANCHUSA.—Hardy, handsome herbaceous biennials or perennials. Should be found in every garden.

Angustifolia, beautiful dark blue flowers, should be planted with Columbines, Larkspurs, etc.; hardy. Perennial; two feet high. 5

Barrellierii, this is one of the loveliest blue flowers imaginable; hardy biennial; blooms the first year, if sown early..... 10

ANTHEMIS Cupaniana, a beautiful large snow white flower borne on a long foot-stalk. Excellent to cut for bouquet making..... 10

Amblyopsis Setigera, new, very fragrant..... 10

ARTEMISIA from St. Petersburg.—A robust, easily grown plant that will give an abundance of elegant, fern like foliage. The habit of growth is pyramidal, about five feet high, clothed with a thick mass of fine, feathery foliage of intense emerald-green color.. 10

ANTIRRHINUM (Snap Dragon).—One of our best perennials; blooms abundantly the first summer. Flowers large, finely shaped and of the most brilliant colors. Hardy perennial.

Majus, Mixed. Tall varieties; fine assortment; 2 ft..... 5

Nanum, Mixed. Finest dwarf, very rich colors; 1 ft..... 5

Tom-Thumb, very dwarf fine mixed colors, bright tints..... 5

ARABIS.—Among the earliest blooming plants, and very useful, for edgings, etc. Hardy perennial, nine inches high.

Alpina, pure white..... 10

per pkt.

ARMERIA—(Thrift or Sea Pink).—These handsome plants are well adapted for ornamenting rock work, and edging walks. May also be grown in pots. Hardy perennial; six inches high.

Maritima, splendens, pink..... 5

ASPERULA Odorata.—A profuse blooming, dwarf, hardy annual, with sweet scented, lavender blue flowers; height one foot.

AQUILEGIA (Columbine).—The plant blooms early in the spring and summer and produces beautiful, curiously formed and variously colored flowers; hardy perennials.

Single. All colors mixed; 2 ft..... 5

Double. All colors mixed; 2 ft..... 5

Chrysantha, (*Golden Spurred Columbine*). This is one of the finest perennials for the border ever grown. Flowers of the most intense primrose yellow throughout, with long slender spurs; fragrant and exceedingly showy..... 10

Chrysantha Alba (*New*) (*White Spurred Columbine*) This variety has flowers of the largest size, pure snow white, with long spurs of elegant shape, and borne in lavish quantity. 15

Skinneri. A magnificent columbine, with crimson sepals, lined with light green, and light green petals and long, straight *crimson* spurs. One of the finest..... 10

Cœrulea. Flowers are very large, violet blue, and inner petals pure white; 2 ft..... 10

Nivea Grandiflora. Pure snowy white large flowers of faultless shape..... 10

Glandulosa Vera. Beautiful large flowers, dark blue, with white corolla..... 10

Stuartii. New, the flowers are four inches in diameter, blue corolla and sepals, splendid, very early and hardy..... 25

ASTERS.

Amongst the most popular and the most effective in the entire list While easy of culture, there is no flower which combines so much beauty and variety of color, shape and habit as the Aster. For a late summer or fall display they have no successful rival. Give them a rich soil, and in hot dry weather mulch and water them and success will be assured.

TRUFFAUT'S PÆONY PERFECTION ASTER.

Per pkt

TRUFFAUT'S PÆONY PERFECTION. A very favorite type. Thrifty, upright plants; large, fine flowers, with long incurved petals. This is the florists' aster and one of the finest.
Per pkt, finest mixed..... 10

GLOBE or UHLAND. A magnificent class of Asters, obtained from the large-flowered Pæony Perfection. Flowers, measuring from 2¼ to 3 inches across, are as round as a ball, and being borne on long stems are very useful for cutting. Height about 18 inches.
Mixed..... 10

VICTORIA ASTERS. A magnificent race of asters. Flowers very double, four inches across, and from twenty to thirty on a plant; fifteen to eighteen inches high.
Choice mixed..... 10
Pure White..... 10

PURE WHITE MIGNON. A new Aster of great beauty, resembles the Victoria in habit of growth but excels it in free blooming. Flowers of good size, pure white reflex petals and very double. One of the finest for cut flowers.....10

SNOWBALL or PRINCESS. A new distinct Aster. Every plant produces about 30 pure white flowers with short petals lying scale-like one upon the other. Its elegant, faultless shape, makes it valuable as a cut flower Also suitable for pot culture..... 15

Per pk

ROSE—Mixed. Magnificent flowers of brilliant colors, in shape and size rivaling the finest Roses, making a beautiful display during August and September. This seed is from a celebrated German grower, and can be relied upon to produce the finest flowers for exhibition purposes; 18 inches.....10

NEW WHITE ROSE of robust habit, producing large, pure white flowers, full and double as the finest rose, covering the plant, which remains in perfection nearly a month. 18 inches.....10

QUEEN OF THE MARKET. Its great merit is its early flowering, *being in full bloom fully two weeks before any other Aster.* The colors are deep blue, white, pink and deep rose. Finest mixed.....10

NEW PEARL ASTER. An entirely new and distinct class of asters. The plants are about fifteen inches high and literally cover themselves with a mass of flowers, round in shape, and three inches in diameter, finely imbricated. They are **especially valuable for cut flowers.**
New Pearl. Mixed.....15

COCARDEAU or CROWN ASTER. The centre of each flower is white, surrounded by a broad margin of crimson, rose, violet, etc., flowers large and freely produced; height, 18 inches to 2 feet mixed colors.....10

WASHINGTON. Splendid class of upright pyramidal habit, 1½ feet high, extra large very double flowers borne freely.
Mixed Colors.....10

COMET. These very beautiful Asters have long, wavy and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemums; flowers 3½ to 4 inches across.

PRINCE OF WALES. *New and very fine.* The plants are fifteen inches in height, branching freely, the large flowers bending the stems over with their weight, give the plants a graceful, pendulous appearance. Flowers deep crimson and very large.....20

ROSE ASTER.

DWARF ASTERS.

NEW DWARF PÆONY PERFECTION ASTER. Only twelve inches high, of very neat, compact habit; flowers most profusely. The flowers are of large size and fine form, perfectly double, the petals beautifully incurved. The colors are rich and brilliant.

Mixed.....10
Pure white, very chaste.....10

CHRYSANTHEMUM FLOWERED DWARF. Ten to twelve inches high; flowers of the largest size and choicest colors.

Half dwarf; regular in form; perfect in flower.
Bright mixed colors.....10
Pure white.....10

PÆONY FLOWERED ASTER.

BOLTZE'S DWARF BOUQUET. A most charming class, only six to eight inches high, covered with handsome flowers and looks like a bouquet set in the ground.....10

DWARF BOUQUET.

NEW DWARF QUEEN ASTER. This is pronounced by all who have seen it as one of the finest asters ever introduced. The dwarf, bushy plants grow only ten to twelve inches high, and, while branching very freely, the branches are upright and make a dense, compact bunch, excellent for pot culture as well as for bedding. For culture in pots, we consider the habit of growth more desirable than in any variety heretofore introduced. The flowers are of *extraordinary size*, perfectly double and resemble the finest Victoria Asters in form.

Satin White Queen. Spotless white.....15

"QUEEN OF THE EARLIES." The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; the pure white, very double flowers are borne on very long stems; of exceptional value for cutting.....15

TRIUMPH. The most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet 7 to 8 inches high, of at least 30 to 40 flowers of faultless form and exquisite beauty. (See cut).

Scarlet. Rich blood scarlet.....15
" White. Edged Brilliant crimson; each petal edged white.....15

CROWN ASTER.

SCHILLER. Plants only ten to twelve inches high, producing large double flowers, valuable on account of profuse late flowering.....10

MINIATURE BOUQUET. Grows 6 to 8 inches high. The little round plants are fairly hidden with very double button-like flowers.
Mixed colors.....1

MIGNON. A fine new class. The plants are semi-dwarf and bear 40 to 50 very double flowers with imbricated petals of an indescribable grace.15

GERMAN QUILLED. Betteridge's prize the finest of this section, the flowers are large, very double, of perfect form and fine color.....5

For other Asters, see novelties.

BALSAMS.

This old well known plant retains its popularity and well deserves it, for it has every thing in its favor It is hardy, easily grown and of great beauty The colors are exceedingly soft and rich, and the flowers of good substance and very double. My own special strain is of unequalled excellence and gives perfect satisfaction.

BALSAM ROSE FLOWERED.

EVANS' PRIZE, Violet, white spotted.....10
" Lilac rose, white spotted.....10
" Scarlet " 10
" Crimson " 10
" Rose " 10
" Pomegranate.....10
" Pure white.....10
" Dark blue.....10
" Purple red.....10

These Balsams are probably the best in Canada, and will give unbounded satisfaction.

Camellia-flowered Improved, extra large double flowers 10
" " **Dark Blood Red,** very double.....10
Carnation-flowered, striped and spotted flowers of extra large size and good substance.....10
Rose-flowered, this is the florists Balsam, flowers, rich, large and perfect 10
" " **Victoria,** satiny white, blotched and spotted 10

BEGONIA DOUBLE TUBEROUS.

BELLIS Perennis, Daisy, double, extra, mixed colors.....10
A favorite plant for beds or pot culture or for edging. In bloom from April to June. The seed offered, is saved from the finest double varieties; *half hardy perennials.* Daisies may be had in flower in a short time.
Alba, white flowered, pure white and double.10
Rubra, red flowered, very distinct.....10
Longfellow, Dark Rose, beautiful.....10
Snowball, purest white.....10
Double, all colors, 4 inches. 10

BALM Moldavian, blue, sweet, useful for bees..... 5
BAPTISIA Australis, light blue, handsome flower to cut..... 5
BARBAREA Vulgaris Variegata, this is a pretty variegated plant.....10
BARTONIA Aurea nana, pretty low growing plant, yellow..... 5
BEGONIA, Tuberous, International Prize, the finest strain of this popular flower ever offered...50
" **New Striped,** the flowers in this section are of perfect form and substance and are beautifully striped.....50
" **double, mixed,** splendid, the flowers in this section are immense.....50
" **Rex Diademata,** foliage large beautifully marked and velvety.....50

DAISY, BELLIS PERENNIS.

Per pkt

Beet Chilian (Beta cicla) for bedding, a beautiful foliage plant 5
" Scarlet, } Mixed 5
" Silver, } Mixed 5
" Yellow, } Mixed 5

BIDENS Atrosanguinea, dark crimson, very showy 10

BRACHYCOME Iberidifolia, Swan river daisy, mixed 5

CACALIA Coccinea (Tassel flower) scarlet. This keeps in blossom from early summer until autumn, furnishing flowers for cutting every day; useful for small bouquets 5

CALAMPELIS Scabra, hardy climber, scarlet. 10

CALANDRINIA Umbellata, one of the prettiest annuals, vivid magenta crimson, delights in sunshine 5

CALCEOLARIA Hybrida Grandiflora. Remarkable for their large, beautiful blossoms. They are grown in pots in the conservatory, green-house and garden 50

Pumilla, compact 50

Dwarf large-flowered, extra 50

Rugosa, Shrubby, extra 25

These are all from the finest strains and may be relied on to produce flowers of the finest form and colors.

CALENDULA

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost .....

Officinalis, Le Proust, fine double pale yellow, unsurpassed for cutting 10

Meteor, fine yellow, striped and bordered with orange 10

Pongei, pure white, double, fine sort for cutting 10

CALLIOPSIS (Coreopsis) yellow and brown, rich colors 5

Per pkt

CALLIRHOE Pedata, extremly handsome border plants, bearing large, rich, violet purple flowers in great profusion throughout the season. Hardy annual; one to two feet high 5

Nana compacta, rosy purple 5

Verticillata (Involucrata) purplish crimson.. 5

CAMPANULA. Well-known beautiful hardy annuals, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the perennial varieties flower the first season if planted early. Carpatica and Speculum are fine for beds, edgings and ribbon-gardening 5

Carpatica, blue and white, profuse bloomers of long duration which cannot be too highly commended 5

Loreyi, blue and white, for beds or edgings, flowers abundantly 5

Speculum, Venus' Looking Glass, blue and white, remarkably bright and pretty for borders, bedding and pots 5
" **Double** 10

Grandiflora, fine hardy plant, purplish blue... 5

Macrostyla, large handsome violet flowers 10

CANARY BIRD Flower (see Tropœolum Canariense)

CANDYTUFT

Crimson, fine deep tint. Universally known and cultivated. Indispensable for cutting. All the varieties look best in beds or masses, and when sown in May, flower from July to September, and some of the sorts till frost comes. Single plants transplanted look well, and bloom profusely. Hardy annuals, 1 foot high 5

Rocket, pure white, fine long spikes, flowers through the whole season, a good bedding plant. 5

Rocket, Empress, a large improved form of the Rocket, highly recommended 10

Hybrid Dwarf, Mixed, of compact growth 5

Tom Thumb, one of the best white bedding plants, blooming throughout the entire summer. 10

Mixed, all colors 5

CANNA

Per pkt

Indica, Indian Shot, dark leaved sorts. Highly ornamental plants producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange and scarlet flowers. Soak the seed 12 hours in tepid water before planting; sow in sandy loam or peat, and place in a hot-bed; take up the roots before frost, and preserve in a warm cellar or room; perennials, tender.....10

Bonnetti, fine dark foliage, crimson.....10

Crozy's new dwarf, large flowers, splendid.....15

Floribunda Grandiflora.....10

Gigantea, fine large plant, scarlet.....10

Warscewiczi, variously shaded foliage.....10

Zebrina, fine striped foliage.....10

Mixed.....10

CANNABIS Gigantea, Giant Hemp, large plant with handsome palmate foliage.....10

CAPSICUM Little Gem, compact branching plant with small bright scarlet berries.....10

" **Princess of Wales,** small lemon colored fruit, beautiful pot and table plant.....10

CARDUUS Benedictus (Holy Thistle) handsomely marked foliage.....10

CARDIOSPERMUM Halicacabum (Balloon Vine) interesting.....10

CANTERBURY BELLS

Per pkt

Single mixed.....5
Double " 5
Deans hybrids, new, splendid.....10

CARNATION

Carnations are general favorites for their delicious fragrance and richness of coloring. The seed we offer has been imported from the best sources in Europe. Half-hardy perennial.

Choice, mixed, saved from named flowers.....25

French, perpetual Alegatieres collection, splendid.....50

Germania, new, yellow, clear canary, an exceedingly beautiful variety.....50

Marguerite. Seed of this variety will give good flowering plants in five months, while the old kinds require at least a year. The flowers are large, double, *very* fragrant and borne in great abundance and in great variety of colors.....15

Riviera, the finest of all perpetual Carnations, this fine strain produces almost exclusively double flowers, many of them with yellow ground.....50

Per pkt

CASTOR OIL PLANT, Palma Christi. (See also Ricinus..... 5

CATANANCHE CÆRULEA, fine bright blue 5

CELOSIA Cristata. Cockscomb.

Free blooming plants, growing best in rather light soil. The plumed varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom, and before they fade. The Cristata varieties are ornamental, curious looking flowers, of the well-known favorite Cockscomb....

COCKSCOMB.

Dwarf mixed..... 5
Glasgow Prize, Tom Thumb, large combs...10
Empress, extra fine variety for exhibition.....10
Pyramidalis Plumosa Aurea, golden..... 5
" **Crimson**..... 5
" **Purpurea**..... 5

The last three are unsurpassed for winter bouquets.

CENTAUREA CYANUS or BLUET. A very old favorite garden plant, flowering freely in almost any situation; for cut flowers they are largely used both in Europe and this country, a little bunch of the *blue* corn flower being a favorite *boutonnière*.

Bachelors Button, blue bottle..... 5

Per pkt

CENTAUREA CYANUS, New dwarf double Victoria, this new variety is not more than six inches in height and produces a compact head of rich blue flowers.....10

Argentea Vera, the well known silvery foliaged plant.....10

CENTROSEMA Grandiflora, a perfectly hardy perennial vine of exquisite beauty, bearing large pea-shaped flowers, one and a half to two inches across, ranging from a rosy violet to a reddish purple. The flowers are produced in the greatest abundance. This plant is absolutely new to cultivation.....50

CERASTIUM Tomentosum, small neat sil very foliaged plant, useful for carpet bedding..10

CHAMÆPEUCE Cassabonœ, (fish bone thistle) ornamental foliage plant..... 5

CHÆMEROPS Excelsea, (Fan Palm) highly decorative table plant. (See Palms, page 73).

CHRYSANTHEMUM.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering plants; good for pot culture, and quite distinct from the winter flowering varieties.....

Carinatum, Eclipse, golden yellow with distinct scarlet ring.....10

Dunnett's Golden Yellow, splendid bedder.10

" **Double White,** splendid bedder..10

Tricolor, Lord Beaconsfield, crimson maroon edged and striped, gold margined, with gold eye.10

Purple Queen, outer petals deep purple with band of black, distinct.....10

Sultan, crimson maroon with gold ring near the centre, dark brown disc.....10

W. E. Gladstone, a showy and effective variety, crimson and violet, brilliant but varies.10

Frutescens Comtesse de Chambord, Paris daisy. Excellent for bedding, extra large pure white.....15

CHRYSANTHEMUM. Per pkt

Frutescens Etoile d'or, large golden yellow.. 10

" **Inodorum, double flowered,** finest, very double, small round snow white flowers, an excellent flower for cutting.....10

Japonicum, from collection named flowers and will produce many fine plants.....10

Chinese, from fine named collection 20

Annual sorts mixed..... 5

CONVOLVULUS MAJOR.

CONVOLVULUS Major, Morning Glory, fine mixed..... 5

Minor, (bicolor) fine mixed colors..... 5

Pekin China, new, very rich colors.....15

COREOPSIS Bicolor, one of the showiest annuals, yellow and brown..... 5

Bicolor, Atrosanguinea, rich dark crimson 5

CINERARIA PRIZE.

CINERARIA Hybrida Grandiflora (Stuarts) choicest mixed from named flowers, extra.....50

Double, (Stuarts) choicest mixed from named flowers, extra.....75

Maritima, (Candidissima) fine silvery foliage..... 5

CLARKIA Elegans, single mixed..... 5

" double mixed..... 5

Pulchella " " 5

CLEMATIS, hardy border perennial *not a climber*..... 5

mixed *climbing sorts,* this will produce some fine varieties of this most popular vine.....10

Jackmani Hybrids, this will produce some fine varieties of this beautiful climber. 20

COBŒA Scandens, rapid growing climber with purple bell-shaped flowers, very popular.....10

COCKSCOMB. See Celosia.....

COIX Lachryma, see ornamental grasses.. 5

Coleus, finest, varieties in splendid mixture, showy hybrids..... 5

COLLINSIA Bicolor Grandiflora, an early and profuse bloomer..... 5

COLLOMIA Coccinea, handsome annual, resembles a pink Bouvardia..... 5

CLEMATIS CLIMBING.

Per pkt

COREOPSIS

Bicolor Atrosanguinea Pygmy, dwarf, rich colors 5

Grandiflora, (Novelty) fine showy perennial .. 25

COSMEA Bipinnata, purple, resembling the Coreopsis 5

COSMEA BIPINNATA.

COSMEA Bipinnata Alba, white flowered variety of the preceding 10

This new annual is one of the best white bouquet flowers.

COWSLIP, American (Dodecatheon Meadia) a hardy perennial, flowers very early in spring and resembles a small Cyclamen 10

COWSLIP, English, a favorite English flower, one of the earliest flowering plants 5

CUCUMIS Flexuosus (Snake cucumber) an interesting climber 5

CUPHEA Platycentra, makes a pretty pot plant and is beautiful to cut for bouquets 10

CYCLAMEN Persicum, Emperor William, fine dark red 50

Persicum Giganteum, an extra choice strain of this beautiful flower 50

Persicum Giganteum Album, a pure white variety 50

CYCLANTHERA Explodens, a pretty climber with curious fruit 5

DAHLIA, large flowered double, from a fine collection 20

Per pkt

DAHLIA Single, striped and spotted; beautifully marked flowers 10

Jules Chretien, Single, bright scarlet, splendid for beds 20

Tom Thumb, Single, new 10

Zimapani, the Black dahlia 10

DAISY, See **Bellis Perennis.**

DATURA Fastuosa, double white, large fragrant flowers 10

Wrighti, white with lilac tint, very large flower, lovely 5

DELPHINIUM (Larkspur) one of the handsomest and most useful of all plants, and will bloom in the dryest season with surprising persistence. The brilliancy of some of the colors is unsurpassed ..... .

Cashmerianum, flowers an inch in diameter, light purplish blue, makes a striking plant 5

Cardiopetalum, of neat low compact habit, bright blue flowers carried well above the foliage 5

Elatum, Le Mastodonte, a new variety of this fine old perennial with very large beautiful dark blue flowers. Perfectly hardy and should be in every garden 15

SINGLE DAHLIA.

DELPHINIUM.

Per pkt

DELPHINIUM Formosum, one of the best perennials, certainly the best hardy blue flower of the garden 5

Nudicaule, scarlet, distinct from all other Larkspurs 10

Ranunculiflorum, double flowered, several shades of blue, very much admired, comes almost true from seed 25

Zalil, a yellow flowered novelty of delicate beauty 25

DIANTHUS Barbatus, Sweet William, in splendid mixture, single 5

Barbatus, Sweet William, **double** 5

Chinensis (Chinese Pink) finest mixed, showy .....

" **Imperialis,** white double 10

" " **Pictus,** richly marked colors, extra 10

" **Heddewigi,** finest single mixed, large 10

" " **Crimson Belle,** brilliant dark red splendid 10

" " **Eastern Queen,** a beautiful new color, delicate tint of rose. 10

EASTERN QUEEN.

Heddewigi Snow Flake, pure white, this received the certificate of the Royal Horticultural Society of England 10

DIANTHUS Chinensis Heddewigi, Little Gem, (the Bride,) white with purple centre, very pretty and very much admired 10

" **Laciniatus Albus** pleno, double white 10

Plumarius, English Pink, Perpetual, a new feature is now added to this already very popular plant, in this variety, of long continued flowering 50

DIGITALIS (Foxglove) very showy, should be in every garden 5

Ivery's Superb, a splendid strain, including all the finest shades of color and exquisite markings, those who have not grown this very hardy plant should try it. 10

ECHINOPS Ritro, perennial, blue, *for bees* ... 15

ECHEVERIA Secunda Glauca, rosette like plant, much used in carpet bedding 20

ELICHRYSUM Bracteatum, Silver ball, this fine variety produces abundantly large well formed flowers of the purest white 10

Monstrosum, double finest mixed colors ... 5

" " dwarf " " .. 5

ELICHRYSUM.

ELSHOLTZIA Cristata Annual, lilac, *for bees,* fragrant 5

ERAGROSTIS Elegans, one of the prettiest of the grasses 5

ERYSIMUM Arkansanum, like a yellow Candytuft 5

Pulchellum, a dwarf yellow perennial 5

ERYTHRINA Cristi Galli, Coral Tree. This is a most gorgeous flower and of early growth 20

ESCHSCHOLTZIA CALIFORNICA.

Per pkt

ESCHSCHOLTZIA Californica, brilliant yellow. 5

Carminea Grandiflora..... 5

Crocea Flore Pleno, double yellow..... 10

EUTOCA Viscida, brilliant blue, easily grown, beautiful, excellent for cutting, because a branch placed in water will bloom many days, and the bloom is intense in color. Hardy annual..... 5

EUTOCA VISCIDA—natural size.

EVENING Primrose. (See Oenothera)..... 5

EVERLASTINGS, See Acroclinium, Elichrysum, Xeranthemum, Waitzia, &c.....

Per pkt

EUPHORBIA Heterophylla, "Annual Poinsettia." An annual of the easiest culture, forming bushy plants three to four feet high, with highly ornamental leaves, which in summer and autumn become blazed with a darker fiery scarlet so that only a tip of green is left. Grow in a situation fully exposed to the sun, which enhances the brilliancy and hastens the coloring. Valuable as a pot plant..... 10

" **Variegata** (Snow on the Mountain). A large, robust growing annual, 2 feet high, with very ornamental green foliage, striped with white. Spendid for borders and large masses..... 5

EUPHORBIA HETEROPHYLLA.

EUPATORIUM Fraseri, white, fine for cutting purposes.....10

EVERLASTING Sweet Peas, Lathyrus Latifolius, red. A handsome free flowering plant, useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Hardy perennial; 5 feet... 10

Albus, white. Large clusters of pure white; grand, low climber 10

Splendens. This is a fine plant from California, described as being one of the finest flowers that wonderful country has given us. It bears dense clusters of brilliant deep rose flowers.....10

FERNS Choice Mixture for Greenhouse Cultivation. Comprising most of the desirable and handsome sorts for this purpose. 25

FEVERFEW, Matricaria Eximia. Lovely little plants with double white flowers and pretty foliage. 8 inches.... 10

FORGET-ME NOT.

FORGET-ME-NOT blue, a well-known favorite, flowers first season.....10

FUCHSIA, finest double and single from a fine named collection.....50

FOX-GLOVE, see Digitalis

FRENCH Honeysuckle, beautiful hardy herbaceous plant..... 5

GAILLARDIA Picta, one of the showiest of hardy annuals..... 5

Hybrida grandiflora, crimson and yellow splendid.....10

Lorenziana, new double, orange and red, large and very showy.....10

GAILLARDIA LORENZIANA.

GALEGA Officinalis, white flowers, in slender spikes.....10

GERANIUM Zonale, scarlet, mixed colors...25

Golden Bronze, splendid strain..... 25

Double, from one of the best collections..25

GEUM Coccineum, showy, saved from named plants, splendid.....10

Coccineum, double, scarlet splendid for bouquets.....20

GILIA NANA COMPACTA.

GILIA Tricolor, one of the earliest annuals, purple and white..... 5

GLOBE Amaranth, (Gomphrena Globosa), well known everlasting flower, mixed 5

" Nana Compacta, Dwarf red, handsome..... 5

GLOXINIA Crassifolia, choice mixed, splendid large flowers.....50

GODETIA.

GODETIA Bijou, low and compact, covers itself with flowers, white with rose blotch.....10

Duchess of Albany, satiny white, immense bloomer.....10

Lady Albermarle, glossy, rosy carmine, large flowers.....10

The Bride, white with carmine ring, much admired.....10

GOLDEN Feather, see Pyrethrum.....10

GRASSES Ornamental sorts mixed..... 5

GOURD, mixed sorts, rapid climbers with curious fruits..... 5

GYPSOPHILA Muralis, light and graceful plant..... 5

Paniculata, white, a valuable border plant..... 5

HEARTS EASE.

HEARTS-EASE, see Pansy.....

HEDYSARUM, (see French Honeysuckle).....

HELIANTHUS Argophillus, silvery leaved. 5

Californicus, double, tall, splendid large flowers..... 5

Cucumerifolius, pretty foliage and numerous small flowers..... 5

Nanus Striatus, foliage variegated with yellow..... 5

Rigidus, perennial, fine new variety.....15

HELIOTROPE, fine mixed colors.....10

HELIPTERUM Sandfordi, everlasting..... 5

HELLEBORUS Niger, (Christmas rose) splendid mixed hybrid.....10

HESPERIS Matronalis, Sweet Rocket, Nana Candidissima, dwarf white, beautiful thing to cut.....10

HOLLYHOCKS, fine mixed colors.....10

Chaters, (Benary's prize) splendid mixed colors.....25

HONESTY, Lunaria biennis, seed pods transparent, interesting..... 5

HORDEUM Jubatum, Ornamental Grass. Horse mane, pretty..... 5

HUMULUS Japonicus, Japan hops, beautiful hardy climber.....10

IBERIS GIBRALTARICA HYBRIDA.

IBERIS, see Candytuft.....

Gibraltarica hybrida, perennial candytuft.....10

ICE-PLANT, an interesting trailing plant with apparently icy foliage 5

ICELAND Poppies, see Papaver nudicaule...10

IMPATIENS Sultani hybrida. new and highly recommended.....20

IPOMEA Bona Nox, Goodnight. violet fragrance, blooms in the evening.....10

Grandiflora, large flowered white, lovely.10

Quamoclit, (cypress vine) scarlet..... 5

JACOBEA, dwarf pompon, red, beautiful for beds and cutting..... 5

LAGURUS Ovatus, Hare's Tail, see ornamental grasses..... 5

LARKSPUR IMPERIAL BRANCHING.

Per pkt

LARKSPUR, Branching double, or stock flowered, finest mixed 5

Dwarf German Rocket 5

Giant Hyacinth-flowered 5

Imperial Branching 5

LATANIA Bourbonica, a splendid palm, see page 73 Palms.

LEONTOPODIUM Alpinum, Edelweiss, lovely Alpine everlasting 10

LEPTOSIPHON Hybridus, new French Hybrids, beautiful plants 10

LINARIA Cymbalaria, beautiful vase and basket plant, (Kenilworth ivy) 10

Hendersoni .....

A lovely little plant of heath-like appearance with small sage green leaves and innumerable little purplish violet flowers. It is about 8 inches in height, perennial, and flowers the first year if sown early. 50

LINUM Grandiflorum rubrum, crimson flowered flax 5

Perenne, blue, beautiful soft tint of blue.... 5

LOBELIA.

The Lobelia Erinus is one of the most popular small bedding annuals. It is neat, compact, and a continuous flowering plant. The several tints of blue of all the varieties are all of them soft and delicate. Cardinalis and its variety Queen Victoria, are hardy perennials; deepest scarlet.

Cardinalis, Queen Victoria, brilliant scarlet.. 10

Erinus Crystal Palace compacta, fine dark blue 10

Blue King, dark blue with white eye, large 10

Emperor William, fine dark blue, of very compact habit 10

Grandiflora, large flowering 10

White Gem, (Pumila alba) 10

Fine mixed 5

Per pkt

LOPHOSPERMUM Scandens, a very handsome climber, pink 10

Love in a Mist. See Nigella.

LUPIN.

LUPINS, mixed, amongst the very hardiest of annuals and succeed well and flower freely in any ordinary garden soil, a good assortment of colors. 5

Arboreus, fine large yellow perennial kind 10

Cruikshanks, blue, white and yellow, good old fashioned sort 5

Hartwegi, fine old kind, blue, white and red 5

President Cleveland, double, new, very good 10

Subcarnosus, the handsomest of all the Lupins, dark blue, carmine and white 5

Polyphillus, blue and white mixed perennials 5

LYCHNIS Chalcedonica, bright scarlet, of the easiest growth 5

Fulgens, brilliant scarlet 10

Haageana, dwarf scarlet, superb plant, flowers freely during a long season, one of the best hardy perennials 10

LYTHRUM Roseum Superbum, long spikes of rosy crimson blossoms 10

MAIZE, Striped Japanese Indian Corn, fine large foliage plant 5

Miniature, Striped Leaved, new, beautiful 10

MALOPE Grandiflora, crimson showy 5

MALVA Moschata alba, white, fragrant, hardy. 5

LATHYRUS ODORATUS

SWEET PEAS.

The largest and best collection in the world.

Per pkt

Adonis, bright rosy carmine. 5

Apple Blossom, deep rose standard, blush wings.....10

Black Purple..... 5

" " **Striped** 5

Blushing Beauty.....10

Boreatton, splendid rich bronze crimson..... 5

Bronze King, standard distinctly coppery bronze 10

Butterfly, pure white, laced with lavender blue..... 5

Captain Clark, Tricolor..... 5

Captain of the Blues, light claret standard, wings an attractive blue... 5

Cardinal, brilliant crimson scarlet... 5

Carmen Sylva.....10

Countess of Radnor. Delicate lavender and mauve.....10

Crown Princess of Prussia, light blush, lovely tint.....10

Dark Red.....10

Delight, wings white, standard crested crimson...10

Dorothy Tennant, heliotrope beautifully veined, a new color.....10

Duchess of Edinburgh, standard light scarlet, splashed with crimson, margined with creamy white, wings tipped with rose..... 5

Duke of Clarence.....10

Emily Eckford..... 5

Emily Henderson, large pure white, the finest of all whites.....10

Empress of India, rosy pink and white, large pleasing flower.....10

Etna.....10

Fairy Queen, white and rose, very pretty..... 5

Firefly. Intense brilliant crimson scarlet.....10

Gaiety.....10

Her Majesty. Deep rosy crimson, satiny, large, handsome and distinct.....1

Ignea.....10

Imperial blue, bright blue wings, standard rich purple. 5

Indigo King, very dark blue..... 5

Invincible Scarlet, rich scarlet, very constant..... 5

" **Cardinal,** bright glowing carmine.....10

" **Striped,** white with crimson, scarlet, and purplish red. 5

Finest mixed..... 5

SWEET PEAS—Continued.

Per pkt

Isa Eckford, very large rosy pink flowers, shaded with carmine 15
Lady Penzance 10
Lemon Queen. Standard blush, tinted lemon, wings almost white, a grand flower 10
Light Blue and Purple 5
Lady Beaconsfield, salmon standard tinted rose, wings pale yellow, lovely 10
Lottie Eckford, rose and white, edged blue 10
Madam Carnot 10
Miss Blanche Ferry. Pink and white; very early, large flower and constant 5
Miss Hunt. Pale carmine, salmon standard 10
Monarch. Standard dark maroon, wings purplish blue 5
Mrs. Eckford, large, handsome sulphur yellow, very fine 5
Mrs. Gladstone, soft bright pink standard, with rosy blush wings 5
Mrs. Sankey, pure white with faint rose tint, extra large 5
Orange Prince, bright orange pink flushed with scarlet 5
Ovid 15
Painted Lady, pink and white 5
Peach Blossom 10
Primrose, the nearest approach to a yellow 10
Princess Beatrice, blush pink, delicate 5
" **May**, a delicate shade of pale héliotrope blue 15
" **Victoria**, standard rosy pink, wings cherry rose, with pink lines 20
" **of Wales**, shaded and stained mauve on a white ground 5
Purple Prince, dark maroon purple, indigo blue wings 5
Queen of the Isles, scarlet mottled and flaked with white and purple 5
" **of England**, grand pure white, of extra size and substance 10
" **Victoria** 10
Red striped 5
Rising Sun, orange carmine standard, wings blush 15
Royal Robe 15
Senator. Shaded chocolate and bright brown, striped mottled and blotched 15
Splendour, rich bright pinkish rose 10
Stanley 15
Venus, chamois rose, distinct and beautiful 10
Vesuvius, standard pink, distinctly spotted rose 15
Violet Queen, deep mauve, standard violet wings 10
Waverly, standards light claret, wings rich purple 15
White 5
Eckford's new hybrids 10

LYCHNIS HAAGEANA.

Per pkt

MARIGOLD African Tall Double mixed, brightest self colors and stripes..... 5

African Dwarf mixed, of compact growth, for bedding..... 5

French Double mixed, selfs and stripes. 5

" **dwarf,** richest colors... 5

See also Calendula, pot Marigold.

MARIGOLD.

MARTYNIA Formosa, (fragrans) large showy flowers..... 5

MARVEL OF PERU, four o'clocks splendid mixed..... 5

Striped Leaved, this makes a striking plant 5

Per pkt

Marvel of Peru, Tom Thumb mixed, has all the beauty of the large varieties along with a low compact growth..... 5

MATRICARIA EXIMIA.

MATRICARIA Eximia, Grandiflora Flore Pleno, double Feverfew..... 5

Eximia, Nana Flore Pleno, double dwarf white..... 10

MAURANDIA Barclayana, mixed colors, beautiful climber..... 10

MEDEOLA, see Smilax.....

MESEMBRYANTHEMUM, see Ice-plant...

MIMOSA Pudica, Sensitive plant..... 5

MIMULUS Cardinalis..... 10

Moschatus, musk plant.....

Tigrinus Grandiflorus, Queen's prize.. 10

The richness of coloring and brilliancy of marking of this family of plants is endless, they are of easy cultivation.

MINA Lobata, novelty, beautiful creamy white flowers..... 25

MOMORDICA Balsamina (Balsam Apple) curious and handsome..... 5

MORNING GLORY, Fine mixed..... 5

MUSK PLANT, see Mimulus Moschatus.

MUSA Abyssinica, see Palms, etc.

MIGNONETTE

Per pkt

MIGNONETTE, too well known to require description..... 5

Crimson Queen, crimson tinted blossoms..10

Parsons Tree, this has light, nearly white flowers and is delightfully fragrant..... 10

Golden Queen, distinct from all others, excellent..... 10

Giant Machet. This vigorous growing variety has been for some years the florist's favorite for pot culture and cut bloom. Its stalks are very thick and stout, and its flower spikes are very broad and long, closely set with deliciously scented red flowers..... 10

Miles' Spiral. In this variety we have a *large-flowered, strong growing white Mignonette.* Its fragrance, while not as powerful as that of the colored varieties, is by many esteemed more delicate..... 10

New Red. This new Mignonette resembles the Machet in many respects. The plant, however, grows to about one third taller than the Machet, is pyramidal in form and a strong grower, its flower spikes are of the largest size, and the individual blossoms being of an *intense red color,* give the plant an entirely distinct appearance..... 10

Victoria, dark red fine.....10

MYOSOTIS SEMPERFLORENS.

Per pkt

MYOSOTIS Forget me not, an almost perpetual flowering, low growing perennial plant, with small blue flowers, that delights in a cool moist shaded position. Perfectly hardy when not too much exposed.

Alpestris, blue, a very old favorite.....10

Dissitiflora, one of the best of the Forget-me-nots, of very compact habit and profuse blooming, of fine blue tint..... 10

Robusta Grandiflora, very fine large flowered variety.....10

Semperflorens, this as its name indicates is a perpetual bloomer. It is of low compact growth and makes a handsome plant in the garden or in pots.....10

Victoria, new, dwarf large flowered sort....10

MYRSIPHILLUM Asparagoides, Smilax. 10

NEMOPHILA Insignis, sky blue, very pretty. 5

Maculata, white with purple blotch..... 5

NEMOPHILA.

NICOTIANA Affinis, long tubed white flowers, very fragrant.....10

Colosseum, of gigantic proportions, a splendid large plant suitable for isolated specimens.....10

Tabacum, foliis variegatis, a variegated leaved variety of Tobacco. A handsome large plant for single specimens.. 15

NASTURTIUM.

NASTURTIUM TALL

or Climbing Varieties.

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost. 6 to 10 feet.

Rose 5
Coccineum. Bright orange scarlet 5
Golden Leaved Scarlet Flowers dark crimson scarlet, foliage yellow 5
Flammeum. Scarlet flamed purple 5
Heinemanni. Silky bronze chocolate 5
Regelianum. Purple violet 5
Dunnett's Orange. Rich golden orange, garnet blotches 5
King Theodore. Velvety dark crimson, dark foliage 5
Scheuerianum. Straw color, splashed crimson, garnet blotches 5
Atropurpureum. Dark, rich, velvety crimson 5
Schillingi. Pure bright yellow, maroon blotches 5
Hemisphaericum. Splendid and distinct; straw color, rosy scarlet blotches 5
Luteum. Pure rich yellow, no blotches ... 5
Pearl. Cream white 5
Collection of 12 climbing varieties 50
Fine mixed bright colors 5

—o—

Dwarf or Tom Thumb. for bedding.

One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost; succeeding under all weathers and conditions and unsurpassed for garden decoration.

Aurora. Lovely and distinct; salmon-rose, mottled blush white, garnet blotches 5
Rose 5
Luteum. Light yellow, no blotches 5

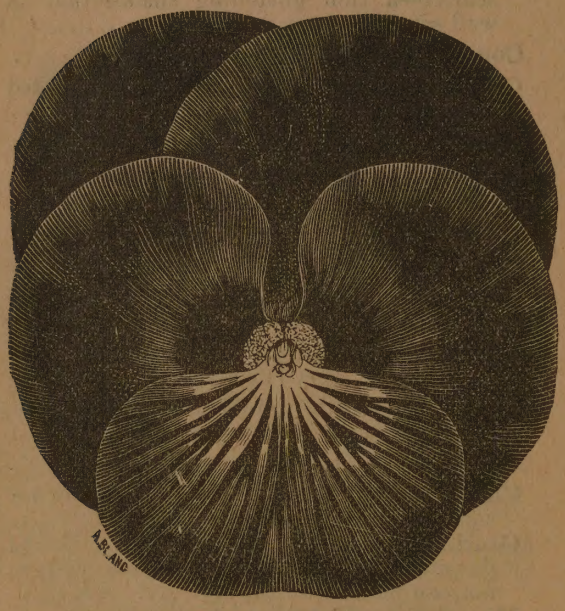
Per pkt

Brilliant. This new variety is a handsome scarlet—a rich glistening shade—that is well set off by very dark foliage 10
Coccineum. Bright light scarlet 5
Crystal Palace Gem. Sulphur, spotted maroon 5
King of Tom Thumbs. Crimson 5
Spotted. Deep orange, crimson blotches ... 5
Pearl. White 5
Ruby King. Light ruby red 5
Beauty. Light scarlet, splashed canary 5
King Theodore. Dark scarlet maroon, dark foliage 5
Empress of India. Brilliant crimson, dark foliage, very effective 5
Cloth of Gold. Golden yellow foliage, light scarlet flowers, very effective 5
Lady Bird. Orange yellow, red spots 5
Chameleon. Blotched and splashed crimson, bronze and golden yellow 5
Golden King of Tom Thumbs. Grand flowers 3 in. across; deep golden yellow, maroon blotches 5
Mixed Tom Thumbs Many sorts 5
Collection of 12 Tom Thumb varieties .. 50
NIGELLA Damascena, devil in a bush, lavender blue 5
Hispanica, love in a mist, blue, curious 5
NOLANA Prostrata, pale blue flowered, trailing plant 5
ŒNOTHERA Lamarkciana, Evening Primrose, yellow handsome 5
Taraxacifolia (acaulis) white pearl like blossoms 5

ŒNOTHERA TARAXACIFOLIA

OXALIS Tropeoloides, bronze leaved, pretty for edgings, yellow 5
Rosea, a delightful little plant with bright rose flowers 5
PALMS, fine assortment. See page 73.
PALMA Christi, see Ricinus, Castor Oil plant.

PANSY.



PANSY.

Pkt

Heartsease, Choice Mixed. The finest English varieties.....25

Large flowered, Evans' Extra, unsurpassed for size and rich coloring....50

Benary's Non plus ultra, perfect in colors, form and substance, all show flowers.....50

Blue-Black, very dark, striking and constant.....10

Blotched, unsurpassed for shape, markings, and richness of colors...20

Bronze Colored, rich tints, fragrant..10

Emperor William, ultra marine blue, very showy, true.....10

Gold-Margined, splendid colors all with gold margin.....10

King of the blacks, rich velvety flowers, almost black.....10

Lord Beaconsfield, deep purple violet, shading light.....10

Peacock, this beautiful pansy has some of the sheeny reflection of the peacock's bright feathers, hence the name.....25

Silver Edged, dark purple with distinct white edge.....10

Candidissima, Snow Queen (Snow Flake), delicate satiny white.....10

The Cardinal, the flower of this variety is of a deep reddish tint and faint fragrance, the color is striking and the flower good.....50

Per pkt

Yellow Gem, pure golden, fine for masses of yellow.....10

Trimardeau or Giant, of extraordinary size and rich colors, mixed colors.....25

" **Yellow Giant,** an extra large pure yellow with a little black in the eye.....15

" **Blue Black,** a very dark purplish blue, the upper petals almost black, and like all of this section, the flowers are very large.....15

Bugnot's Superb Blotched, from one of the best growers, these have never been excelled.....50

Cassier's Large Blotched. This also is from a far famed grower and is much asked for by fanciers of this favorite flower.....50

New large flowering Parisian. This new section is very highly recommended in Europe, and will be sure to give satisfaction here.....25

PANSY TRIMARDEAU.

Odier. In this section the flowers have a large dark blotch on each of the petals. The flowers are large and have plenty of substance and pure rich colors.....15

Fine mixed Extra, all the sorts, small and large, extra.....10

ICELAND POPPY.

PAPAVER Alpinum, mixed 20

Bracteatum, large showy crimson scarlet flowers 5

Danebrog, bright scarlet with white cross 5

Glaucum, tulip poppy, most vivid scarlet 10

Nudicaule, Iceland poppy, yellow, very pretty 10

White flowered 10

Orange 10

Miniatum, scarlet 10

Orientale, see also poppy 10

PASSIFLORA Cœrulea, (Passion flower), hardy climber blue and white 25

PEA SWEET, see Lathyrus odoratus .....

PELARGONIUM Odoratissimum, very fragrant 25

Double, from one of the best collections in Europe 50

Golden and Bronze, Laing's, unsurpassed .. 50

Scarlet or Zonale, Boucharlat's collection .. 50

Multibracteatum, a beautiful free flowering species recently introduced from Abyssinia with deeply lobed bronzed leaves and pure white flowers produced uninterruptedly from February to September 50

PENTSTEMON Gentianoides, very fine mixed 15

PERILLA Nankinensis, dark purple fringed leaves 5

Macrophilla compacta, large leaves, fine .. 5

PICOTEE, finest English and French varieties .. 50

PINK English, from Turner's finest showflowers. 10

Virginal, pure white, remarkably fine 20

New perpetual, the new feature of perpetual flowering added to this old favorite 50

POLEMONIUM Cœruleum Grandiflorum, fine blue perennial 5

POLYANTHUS, fine mixed, from named flowers. 10

DOUBLE POPPY CARNATION.

POPPY Carnation, large, brilliant and showy. 5

Iceland, see Papaver Nudicaule .....

Danish, Danebrog 5

Tulip-flowered 10

Ranunculus flowered, dwarf, Japan pompon, fine 5

Shirley new single 5

PETUNIA HYBRIDA.

PETUNIA NANA COMPACTA DOUBLE.

Per Pkt

Single mixed, fine quality..... 5
superb extra quality..... 10
Alba, pure white.....10
compacta brillant.....10
Countess of Ellesmere, bright rose.....10
Inimitable, with star-shaped blotches.....10
Nana compacta multiflora, this forms dense little bushes 8 inches in height; covered with its beautiful little striped and blotched flowers...15
La Belle Etoile, remarkably beautiful starred flowers.....15
Inimitable, multiflora, Double Nana compacta, striped and blotched flowers.....50
Grandiflora, single large flowered superb, mixed.....25
Maculata, single large flowered, fine spotted.....25
Marginata, all the flowers of this section are margined with green.25
Venosa, handsomely veined variety.....25
Double striped and blotched, extra.....50
" **Benary's strain**, extra fine, this is unequalled.....50
Fringed, large flowers of perfect form and rich colors, a splendid strain.....50
" **Double Benary's strain**, extra.....50
PHACELIA Congesta, beautiful blue flowers, suitable for bouquets..... 5
PHŒNIX Canariensis, see page 73 Palms...

POTENTILLA DOUBLE FLOWERED.

POTENTILLA, finest single mixed.....10
" double flowered splendid, mlxed...20

PORTULACA DOUBLE FLOWERED.

PORTULACA Large flowered, single mixed. 5
" " double mixed extra. 20

PHLOX DRUMMONDI GRANDIFLORA.

Splendid mixed 5

Alba, large pure white flowers. 10

Alba Oculata, white with red eye..... 10

Carmine, with white eye.... 10

Carmine Striped..... 10

Atropurpurea Alba Oculata, rich purple with white eye..... 10

Chamois rose..... 10

Coccinea splendida compacta..... 10

Violacea Alba Oculata.... 10

Kermesina Splendens..... 10

Leopoldi.... 10

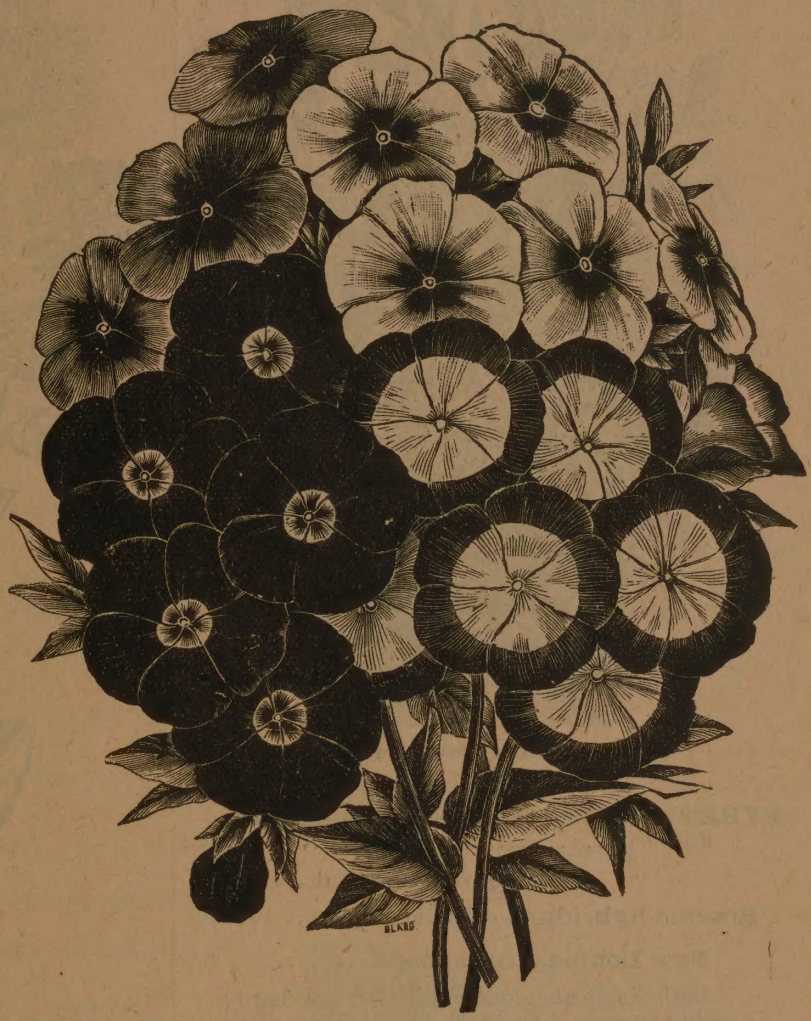
Quadricolor..... 10

Rosea..... 10

Alba Oculata..... 10

Stellata..... 10

Double White..... 25



PHLOX DRUMMONDI GRANDIFLORA.

Graf Gero, this section is dwarf and compact and makes excellent pot plants, mixed..... 10

Heynholdi, this is also a very compact section and is excellent for beds and pots, mixed. 10

Nana compacta, Dwarf finest mixed..... 10

Sanguinea, Fire ball, very showy..... 10

Snow ball, pure white, excellent variety..... 10

Violacea, violet, fine pure color, charming.... 10

Victoria, deep scarlet..... 10

Decussata, perennial, splendid mixed..... 10

PHLOX DRUMMONDI HEYNHOLDI.

DOUBLE PHLOX DRUMMONDI.

PYRETHRUM NEW DOUBLE FRENCH

Per pkt

PYRETHRUM Aureum, Golden gem, golden feather 10

" " **Double,** very beautiful 10

Roseum hybridum, splendid single 10

New Double, French, fine 25

Both single and double varieties are hardy and extremely showy and should find a place in every garden.

RHODANTHE Manglesi, bright ruby red and dark crimson 10

Double mixed, rosy carmine and pure white. 15

SALPIGLOSSIS.

RHODANTHE MANGLESI.

Per pkt

RICINUS Palma Christi, castor oil plant, scarlet major 5

Belot des Fougères 10

Bourboniensis, Rubricaulis, very tall 10

Cambodgensis, the very finest dwarf dark foliage kind 20

Duchess of Edinburgh, rich dark foliage 10

Gibsoni mirabilis, dwarf kind with fine dark leaves and stems 10

Purpureus major 10

Roseus Magnificus, dwarf bushy habit, superb rose fruits 20

ROCKET SWEET, see Hesperis .....

SALPIGLOSSIS Variabilis, large flowered, rich and showy colors 5

PRIMULA SINENSIS.

PRIMULA SINENSIS FIMBRIATA ALBA.

Per pkt

PRIMULA Sinensis, Chinese Primrose, fine mixed colors.....50

Fimbriata Rubra, florists variety.....50

Alba " " 50

Alba, magnifica, of great substance a superb flower.....75

Double Fringed White, splendid.....75

" **Prince of Wales,** glowing rosy scarlet.75

Chiswick red, true, brilliant crimson scarlet..50

Florence, beautiful deep scarlet.....50

Meteor, very rich crimson.....50

Magenta Queen, new, pure color, beautiful..50

Princess Louise, splendid white flowers of great substance.....75

Purity, a very pure white flower, much admired.75

Village Maid, white with carmine stripes beautiful.....50

Fern leaved, crimson scarlet, very rich.....50

Punctata Alba, rich carmine with white spots.....50

Snow Flake, magnificent pure white..50

Auricula, from finest show flowers.....25

Cashmeriana, earliest perennial.....10

Cortusoides, amœna grandiflora, rosy lilac.20

Per pkt

Forbesii, new, excellent for pots and bouquets, graceful rosy lilac flowers; this begins to bloom in three months from sowing and flowers profusely for a long time.....50

Floribunda, pretty yellow Himalayan species.20

Japonica, the Queen of hardy primroses, a great many shades of color.....20

Obconica Grandiflora, the perpetual flowering Primrose, fragrant.....25

Polyanthus, fine mixed, from the best named flowers.....10

Primrose, English, yellow, true, fine old favorite.....10

Crimson beauty, this is a hardy hybrid of fine rich color.....25

White winter flowering, beautiful thing.25

Rosea Grandiflora, lovely deep rose, very early.....25

Verticillata, powdered leaves and large golden yellow flowers, one of the finest species of this fine genus.....50

PRIMULA SINENSIS.

Per pkt

SALVIA Argentea Candidissima, large silvery foliage, hardy perennial..... 5

Coccinea Nana Compacta, bright scarlet, dwarf, fine bedder.....10

Carduacea, lovely light blue flowers.....15

Nutans, dark blue, fine.....15

Patens, the exquisite blue of this beautiful flower is proverbial.....20

Pitcheri, immense spikes of bright blue flowers.25

Splendens, Ingenieur Clavenad, brilliant scarlet, dwarf, compact, very attractive....25

SANVITALIA Procumbens Fl. Pl., double, compact, yellow, good..... 5

SAPONARIA Calabrica Campacta Alba, makes beautiful beds..... 5

Scarlet Queen, rich, new tint, will be very attractive.....15

Ocymoides Splendens, a dwarf hardy perennial, pink..... 5

DOUBLE SCABIOUS

SCABIOSA Large flowered, double mixed, fine colors.....15

Candidissima (Snow ball), purest white....15

SCARLET Runners, needless to describe this old favorite..... 5

Bi-color or Painted Lady Runners, scarlet and pink..... 5

Per pkt

SCHYZANTHUS Papilionaceous, this pretty butterfly-like flower rivals the orchids.....10

Pinnatus Candidissimus, pure white, lovely novelty.....15

SENECIO, see Jacobea.....

SENSITIVE Plant, see Mimosa Pudica.....

SILENE COMPACTA RUBERRIMA DOUBLE.

SILENE Armeria..... 5

Ruberrima Compacta Flore Pleno, deep rose, fine spring bedder..... 5

Pendula, Snow king, double white, said to be the finest dwarf edging flower in existence. 5

Schafta, rosy purple, flowers from July to October..... 10

SMILAX, the well known, trailing plant.....10

SNAP DRAGON, see Antirrhinum.....10

SOLANUM Capsicastrum, Haye's improved, fine table plant.....10

Hendersoni.....10

Empress, laden with bright coral berries.....15

Marginatum, beautiful silvery foliage.....10

Robustum, splendid foliage..... 15

STATICE Bonduelli. Light spray-like flowers of lovely lilac tint.....10

STIPA Elegantissima and Pinnata, Feather Grasses..... 5

STOCKS, TEN WEEKS.

TEN-WEEKS STOCK SNOWFLAKE.

Per pkt

German Large flowering, Dwarf, fine mixed.10
Dwarf pyramidal fine mixed.....10
Giant, perfection.....10
Emperor.....10
Intermediate, (Autumnal) fine mixed.....10
Winter or Brompton, fine mixed.....10
Brompton, Snow White,.....25
Snow flake, Wallflower leaved, forcing, extra.....25
Princess Alice, (Dresden), pure white, very beautiful, large spikes, splendid 20
SUNFLOWER, see Helianthus.....
SWEET SULTAN, fine mixed blue, yellow and white..... 5
SWEET PEAS, see Lathyrus .....
SWEET WILLIAM, see Dianthus Barbatus..
TAGETES Signata Pumila, Golden-Ring, superb bedding plant.. 5
THUNBERGIA Alata, mixed climbers of rapid growth, and free bloomers.....10
TORENIA Fournieri Grandiflora, large sky blue flowers.....20
Alba, White wings, lovely white flowers....20
TROPÆOLUM, Canariense, Canary creeper, yellow.....10
Lobbianum, brilliant, brightest crimson.....20
Spit-fire, rosy scarlet, pretty 10
Queen Victoria, spotted.....10
See also Nasturtium.

Per pkt

VALERIAN Red, fine border plant, flowering freely..... 5
Verbascum Pannosum, ...25
VENUS Looking Glass, see Campanula Speculum.....
VERONICA Pulchella, delightful little annual for put culture..... 5
VICIA Fulgens, of the Sweet Peas family....10

VIOLA ODORATA.

VIOLA Odorata Semperflorens, the well known sweet violet.....10
The Czar, fragrant.....10
Tricolor, see Pansy.....
VIRGINIAN Stock, Crimson King, selected variety..... 5
Fairy Queen, blush rose, lovely..... 5
VISCARIA Oculata Cardinalis, brilliant crimson..... 5
WAHLENBERGIA Grandiflora, mixed, handsome herbaceous plant with large bell-shaped purple and white flowers.....10
WHITLAVIA Grandiflora, violet blue, beautiful.....15

WALLFLOWER FINE DOUBLE.

WALLFLOWER, Dwarf double, finest mixed.....10
Tall Double, double mixed.....10
Favorite sweet-scented flowers, too well known to require description.

VERBENA HYBRIDA.

VERBENA HYBRIDA.

Per pkt

VERBENA Hybrida, fine mixed, bright colors.10
Atropurpurea, fine dark purple, rich shades of color..... 15
Blue Black with White Centre, beautiful.10
Candidissima purest white, large trusses..15
Cœrulea, blue shades..... ..10
Coccinea, foliis auriis. Scarlet flowers, golden yellow foliage, very striking.....15
Defiance, brilliant scarlet.....10
Mammoth, new, very large flowers.....25
Striped Italian, fine mixed colors..... 10

VERBENA VENOSA.

Per pkt

Venosa. An old species reintroduced. The plant is of a close compact habit, very suitable for beds, and flowers continously during the whole season. The flowers are of the new Chinchilla color with violet tint, and make very pretty beds. This was very much admired at Rockland, Mr. Joyce's place, last season.....10

Extra fine mixed, all the finest varieties....15

WAITZIA Aurea Grandiflora, bright yellow, very handsome everlasting flowers.....10

WIGANDIA Caracassana.... 25
Most magnificent plants, with large leaves.

XERANTHEMUM Superbissimum, flowers very double.....10

Handsome everlasting flowers, useful for winter bouquets.

ZEA Japonica, Foliis Variegatis, Striped Japanese Maize..... 5

Minima, very pretty miniature striped corn...10
Very beautiful plants with large foliage, broadly ribboned in its length with alternate stripes of white and green.

ZINNIA ELEGANS.

XERANTHEMUM ANNUUM DOUBLE.

	Per pkt
Double Large, finest mixed	5
Grandiflora plenissima, splendid	10
" " **Zebra,** striped, magnificent	15
Dwarf, double, fine mixed colors	10
" **Zebra,** striped "	15
" **Liliput,** "	10
Haageana, Tom Thumb, flore pleno, double fine mixed	10
Darwini Double pompon, fine rich colors	10

A magnificent class of free-flowering plants, with large, handsome rich colored flowers which continue in beauty till destroyed by frost. The seeds offered are saved only from the best varieties.

Wild Garden, mixture of many sorts of flower seeds	10

Palms, Grasses, Sedges, etc.

KENTIA BELMOREANA.

Per pkt

ARALIA Sieboldi. A highly ornamental foliaged plant.....25

CORDYLINE Indivisa. A beautiful plant for large specimens on the lawn.....25

Veitchi. A handsome variety of the above..50

Zebrina. This has striped and tinted foliage.50

CHÆMEROPS Canariensis, a family of low growing Palms.....50

Excelsea, a very graceful species.....20

COCOS Australis. This genus furnishes the well known Cocoa nuts.....50

CORYPHA (Livistonia) Australis. Large fans are made from the leaves of some of this genus of palms.....25

KENTIA Belmoreana. One of the handsomest families of palms. They make very beautiful specimens.....50

Canterburyana. An exceedingly ornamental species.....50

Forsteriana. This also is a beautiful species.50

LATANIA Bourbonica (Livistonia Chinensis). One of the finest palms.....25

PHŒNIX Canariensis. One of this genus is the well known Date palm.....50

Reclinata. True South African seed.....50

SEAFORTHIA Elegans. One of the most beautiful of the palms.....50

Robusta.....50

Per pk

WASHINGTONIA Robusta. A Californian palm.....25

PANICUM Plicatum. A very fine species of grass for pots and groups.....20

Sulcatum. Resembles some of the palms. Elegant.....20

Virgatum. This also is palm-like in appearance.....10

CYPERUS Alternifolius. This sedge is also very palm-like in appearance.....

COIX Lachrymae, Aurea Zebrina. This variety has beautiful striped leaves.....

EULALIA Zebrina. The leaves of this fine variety are striped in their whole length....

FERNS, &c.

Adiantum Formosum.....25
" **Gracillimum**.....25
Aspidium Spinulosum.....15
Blechnum Brasiliense.....25
Nephrolepis Tuberosa.....25
Onychium Japonicum.....25
Pteris cretica albo-lineata.....25
" **Ouvrardia**.....25
" **Serrulata**.....20

Musa Ensete (Abyssinica).....20
Cactus, fine mixed species and varieties.....20
" **Cereus,** mixed species.....20
Echeveria Secunda Glauca. Rosette like plant much used in carpet bedding.....20
Sedum Sempervivum Stonecrop.....20
Araucaria Excelsea. This splendid conifer..50

AQUATICS.

Nelumbeum Luteum.....10
Nymphœa Zanzibarensis.....50
Trapa Natans.....25
Valisneria Spiralis.....50

MUSA ENSETE.

Bulbs and Hardy Herbaceous Plants for Spring Planting

READY FOR DELIVERY IN APRIL.

Each.

Begonias Tuberous rooted, single large flowered, fine roots, per doz. $1.50 15

Double large flowered, fine roots, per doz. $2.00 20

CANNAS, ornamental foliaged, standard varieties. 15

Newer varieties 25

Dwarf bedding, standard varieties 15

Newer varieties 25

CALADIUM Esculentum 20

Fancy varieties 30

DIELYTRA Spectabilis, (bleeding heart), fine roots 25

Alba, pure white flowered 40

Gold striped foliage 40

HEMEROCALLIS (Day lily) flava, clear yellow, fragrant 20

Kwanso, double flowers, fragrant 20

GLADIOLUS, a splendid collection, from 5 to 25

IRISES, German, fine named varieties, hardy and beautiful 15

Japan, (Kæmpferii). This species and all its varieties are of the greatest interest. The flowers are very large, and of the richest colors and unusual markings, rivaling the orchids in these respects 25

LILIES.

AURATUM, This finest of the lilies is all but hardy and with a good covering of leaves and branches stands our winters. It is easily grown and its low price, brings it within the reach of all 25

CANDIDUM. The Madonna or Annunciation lily, pure white, very fragrant and perfectly hardy 15

Striped, like the preceding, with a violet stripe 20

Double, this is pure white and fragrant 20

CHALCEDONICUM, bright scarlet, perfectly hardy 50

LONGIFLORUM, the flowers of this species resemble the Easter lily, but are larger. they are eight or ten inches long, pure white and fragrant. With a little covering this lily is hardy 20

MARTAGON. Purple, a handsome species and very hardy 25

Each

TENUIFOLIUM. A very slender lily, but perfectly hardy, vivid scarlet, a lovely flower; as this species become better known it will become very popular 25

JAPONICUM (Lancifolium). This family of lilies is not quite hardy, but with protection of forest tree leaves and branches they stand the severe frost very well 30

Album, pure white 30

Roseum, soft rose 30

Rubrum, deep rose or rosy crimson 30

Coridion, clear yellow, spotted with red 25

Carniolicum, brilliant orange with black spots 25

Pardalinum, red and yellow, spotted with brown. 25

Pomponicum, intense fiery scarlet, splendid flower 30

Superbum, orange and yellow 25

—o—

LILY OF THE VALLEY, fine clumps 25

SOLOMON'S SEAL 25

PÆONIES Chinese, fine named varieties 30

White flowered varieties 50

Officinalis rubra plena, double dark red .. 25

Rose, soft red 40

Tenuifolia rosea, flora plena, double 75

POTENTILLA, Van Houtte. The most beautiful of its class. Its flowers are produced all summer in the greatest profusion, are bright red and orange flamed. Perfectly hardy 25

Pyrethrum Hybridum The Brides-maid. New. A fine hardy border plant. The flowers are pure white and double 25

RANUNCULUS Aconitifolius. (Fair maids of France). Pure white, double, very hardy, a beautiful flower to cut for bouquets. 25

SPIREA Aruncus. Goats beard. A beautiful hardy heebaceous plant, flowers, yellowish white and feathery 25

Astilboides Floribunda, feathery, white .. 25

Palmata. Hardy, a lovely shade of rosy crimson 25

Palmata Elegans, blushed white, lovely tint, fragrant 25

Greenhouse Plants and Plants for the Table, &c.

PALMS.

	Each.
ARECA Lutescens, 2 feet, fine plants	$1.50
COCOS PLUMOSA, 4 to 5 feet	3.00
Weddleana, 1½ foot	1.00
KENTIAS various, 2½ feet	1.50
LATANIA Bourbonica, 5 inch pots	1.50
PHŒNIX Rupicola, 5 inch pots	1.50
CROTONS, 12 choice varieties in 4 inch pots per doz. $6.00	$0.60
DRACÆNAS, 12 choice varieties, per doz. $6.00	.60
FICUS Elastica, India rubber plant, in 4 inch pots, per doz. $6.00	.60
Variegata, in 4 inch pots	2.00
FERNS, in choice varieties, per doz. $6.00	.60
SELAGINELLAS. 6 choice varieties, per doz $6.00	.60
NEPENTHES, 12 varieties, without pitchers.	1.50
6 varieties, with pitchers	5.00
CYPERUS Alternifolius, very pretty table plant	.30
EULALIA Japonica Zebrina. Foliage beautifully stripped	.30
PANICUM Sulcatum. This makes a beautiful palm like plant	.30
POINSETTIAS	.75
CALLAS. Handsome flowering plants	.50
LINUM Trigynum	.50
PELARGONIUMS. Some fine showy varieties	.50
GERANIUM, variegated and other choice sorts	.25
PRIMULAS, Fringed Chinese, white and red	.50
Obconica, perpetual flowering primrose	.50
CARNATION. Winter flowering, large plants.	.50
FUCHSIAS, the best sorts from 25c upward	.25
ROSES, good plants of best sorts. from	.25
SALVIA Splendens, Dwarf varieties	.50

BEDDING OUT PLANTS.

A very choice assortment of the best kinds.

Achillea, Achyranthes, Ageratum, Alyssum, Asters, Begonias, tuberous, and other bedding sorts. **Cannas, Calendulas, Coleus, Dahlias, Daisies, Geraniums, Heliotrope, Lobelias, Myosotis, Nasturtiums, Pansies, Petunias, Phloxes, Verbenas,** etc.

Annual Plants for Bedding Out.

Amaranthuses, Ageratums, Antirrhinums, Asters, Balsams, Calendulas, Candytufts, Dianthuses, Centaureas, Chrysanthemums, Forget-me-nots, Feverfew, Hollyhocks, Lobelias, Lychnis, Marigolds, Nasturtiums, Pansies, Poppies, Petunias, Ricinus, Castor Oil plants, Stocks, Zinnias, etc.

Vegetable Plants.

Cabbage, Cauliflower, Celery, Melons, Cucumbers, Tomatoes, etc.

Hardy Herbaceous Plants, &c.

Perennials are planted once for all, and may be chosen so as to keep up a succession of bloom throughout the whole summer.

All the best species and varieties are offered, including **Pæonies, Phloxes, Spireas, Irises, Pyrethrums, Dianthuses, Delphiniums.** 25c. to 50c. each.

ROSES,

All the HARDY SORTS, and also the best for indoor culture. **Cabbage, Moss, Persian, Yellow Briar, Harrisoni, Sweet Briar, Russian, Double Red, Rugosa, red and white, Madam Plantier, white,** &c., &c., 50c. each.

HARDY SHRUBS.

All the best sorts, including

Berberis, purple leaved and other sorts. **Caragana. Daphné. Desmodium. Hydrangea. Honeysuckle, Phladelphus, Mock orange, Roses, Spirea, Lilacs,** several varieties. 50c. each.

Red flowered Dogwood, bushy plants, 3 feet high, $2.00 each.

FRUIT TREES.

APPLES — Yellow transparent, Duchess Peach, Fameuse, Wealthy, McIntosh red, Golden Russet, Canada red, Trancendent and other kinds of Crabs. 40c. each.

PEARS—Flemish Beauty, Bartlett, Clapps favorite, Russians. 50c.

GRAPE VINES—Hardiest and earliest varieties for out-door culture. 25c each.

GRAPE VINES—For culture in vineries.

Black Hamburg, Golden Hamburg, Sweet water, &c. $1.50 each.

SMALL FRUITS.

Currants. Gooseberries. Raspberries. All the leading varieties. 25c. each. $2.00 per doz.

Strawberries, all the well known sorts. $1.00 $1.50 per 100 plants.

Horticultural Sundries.

Brown Peat imported from Scotland, and fine Silver Sand, for potting Azaleas, Orchids, &c.

Pot and Tree Labels, Wooden.

Pot 3½ x ½ inch	per 100		20 cts
" 4½ x ⅔	"		25 cts
" 10 x 1½	"	60 cts.	per doz. 25 cts
" 12 x 1⅝	"	75 cts.	" 25 cts
Notched Tree labels, 2¼ x ⅔ inch.		per 100	20 cts
" " 3 x ¾		"	25 cts

Bamboo Plant Stakes, per 100, $1.50.

FERTILIZERS.

Nitrate of Soda, a grand Fertilizer, price on application.

Muriate of Potash, do

Sulphate of Potash, do

Pure Superphosphates, according to grade, price on application.

ROYAL Canadian, $2.00 per bag of 100 lbs. For all garden crops, etc. Fruit trees, vines, etc.

Reliance, $1.50 per bag of 100 lbs. For all sorts of grain, Indian Corn, etc., also Roots of all kinds.

Victor, $1.75 per bag of 100 lbs. For all farm roots and small fruits.

The Standard Fertilizer, for all grain crops, in bag of 200 lbs., $3.50

The Special Fertilizer, for roots and all garden crop, small fruits, fruit trees, etc., in bags of 200 lbs., $4.00.

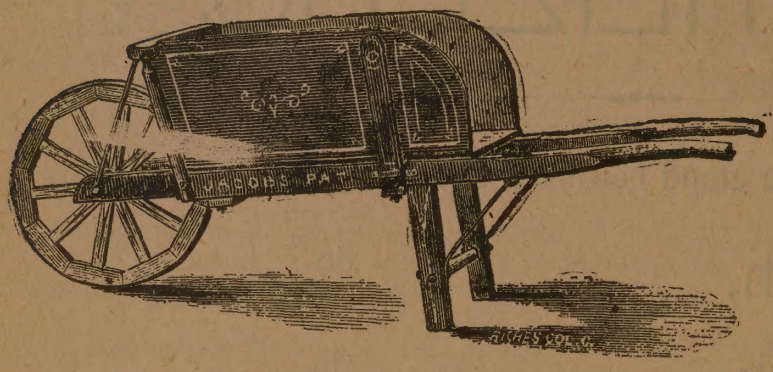
The Freeman Fertilizers,

Plant food, in 25 cent packages.

Munn's fish fertilizer, made chiefly from fish bones. This is a valuable fertilizer, it is rich in phosphates mitrogen and potash.

Feed the land and the land will feed you.

GARDEN REQUISITES.



Garden Wheelbarrows

"AMES" BEST QUALITY.

Painted, Striped and Varnished.

BOYS' BARROWS.

No. 1, Small.....$5 00
No. 2, Medium..... .. 5 25
No. 2, Large..... 5 75

Strong Garden Wheelbarrow - - $5.00

This is a well made wheelbarrow and suitable for all purposes.

Wilkinson's Garden Wheelbarrow - $4.50

Similar to the above but not quite so heavy.

GARDEN TROWELS.

THE STANDARD

No 1 Trowe 8 inch Blade, of Best Tool Steel, Tempered and Polished.

FOR NURSERY AND HEAVY GARDEN WORK.

It takes the place of both Trowel and Dibble; has none of the awkwardness of the old style bend shank trowel, and is a most effective tool for lifting and setting plants and tree seedlings.

THE MEDIUM

No. 2 Trowel, 7 inch Blade, of best Tool Steel.—For the Market gardenener's and Florists's use.

Gardeners whose work does not require an extra long blade will find this size just right. This trowel will save its cost every day in transplanting, the work being done easier and consequently faster than with an old fashioned bend shank trowel or dibble.

THE DAISY

No. 3 Trowel, 5 inch Blade, Bright Steel.—For the Lawn and Conservatory.

A weed digger, transplanter and cultivator. This handy digger was originally intended for digging weeds from the lawn, but has found great favor among florists and amateurs for transplanting seedlings and stirring the soil.

What Leading Horticulturist say of the "Standard Trowel".

P. S. BERCKMANS, *President American Pomological Society, Fruitland Nurseries, Augusta, Ga.*—"It is just the trowel we want."

THOMAS MEEHAN, *Philadelphia.*—"A great advance over the ordinary garden trowel."

PROF. L. H. BAILEY—"I find it very serviceable for transplanting. It is the stoutest trowel I ever used and the form of the blade is such that the earth is held upon the root when the plant is lifted."

T. GREINER.—"I am greatly pleased with the appearance of the tool. It is made for business."

STARK BROS., *Pike Co., Mo., Nurseries.*—"Send us fifty."

Horticultural and Garden Tools.

Aphicides.
Bill Hooks.
Brush Hooks.
Corn Knives.
Forks, Digging, 4 tined.
" Ladies Garden, 60c.
Floral sets. Spade, Rake and Hoe.
Fumigators, $1.75 to $7.00.
Grafting Chisels.
Garden Knives.
" Reels with Stake.
Gloves for Gardening.
Gooseberry Pruners.
Grass Hooks.
" Plot Edging Knives 25c. to $1.25.
Hoes Draw.
" Dutch, 4 to 10 inch., 35c to $1.00
Hyacinth Glasses.
Knives, Ivory handled budding, 80c to $1.50.
" Stag Horn handled pruning, 75c to $1.50.
" Asparagus.
" Edging.
" Lawn Mowers.
Lawn Mowers Knives.
Lawn Sprinklers.
" Rollers, 2 sections.
Picks and Mattocks.
Pruners, Water's Tree.
Rakes, Steel, 11 to 18 teeth.
" Lawn or Daisy, $2.00 to $3.00 each.
Saws, Pruning.
Scythes. English Lawn, $1.25 each.
" Bramble or Brush
Scissors, Pruning, $1.00 to $2.00.
" Flower Gatherers.
Shears, Grass or Border, $1.25 to $3.50.
" Pruning, $2.50.
" Lopping, $1.50 to $3.50.
" Sheep, 95c to $1.00.
Syringes, Brass, $1.50 to $7.50.
Trowels Garden, Steel, English, American.
Vases, Iron.
" Earthenware.
Weeders, hand, Excelsior, 25c each.
" Hazelton. 35c. each.
Watering Cans.
Wheelbarrows.

Agricultural Implements

Atomizers for distributing Paris Green.
Axes Chopping, handled.
" Boy's.
Bags, Seamless, Cotton.
" " Jute.
Bee Hives.
Bull Rings, 50c to 90c.
" Leaders.
Butter Workers.
" Prints, Pads and Ladles.
Chains, Cattle and Trace.
Cider Mills.
Corn Planters, Horse,
" Shellers.
Corn Cob Crushers.
Churns, Blanchard.
" Cylinder.
Cultivators, various.
Draining Tools, separate or in sets.
Earth Augers.
Fanning Mills.
Farmer's Boilers and Covers.
Forks Hay, 2 and 3 tined.
" Manure, 4, 5 and 6 tined.
" " long handled.
" Potato.
Grindstones.
Grain Cradles and Scythes.
Handles, Wooden, Fork, Hoe and Rake.
" Axe, Pick.
Harrows, Iron Tooth.
" English Chain.
Hay Tedders.
Horse Forks, Harpoon with all fixtures complete.
Hoes, solid Shank Socket.
Hoes, Turnip, Draw, Onion.
Hay Knives, ordinary.
" " lightning.
Meat Cutters.
Mowing Machines.
Ox Bows.
" Yokes.
Pick Axes.
Plough Line.
Ploughs, various patterns and kinds.
Potato Diggers.
Root Cutters and Pulpers.
Road Scrapers, Steel.
Scythes, various kinds.
Scythe Stones.
" Snaiths patent and common.
Seed Sowers, Matthews.
" " Planet Jr.
" " Cahoon's Broadcast.
" " Somerville's Timothy & Clover.
Sieves.
Shovels, long and short handled.
" Square and round pointed.
" Grain.
" Coal.
Spades, Cast Steel.
" English Imported.
Straw Cutters.
" Cutter Knives.
Wheelbarrows, Garden.
" Railroad.
" Children's.
Whipple trees.
Wine and Lard Presses.

Horticultural Requisites.

Insecticides and Implements for applying them.

An Insecticide and Fertiliser, destroys Potato Bugs, Cabbage Worms, Rose Bugs, and all Lice, Worms and Caterpillars upon Melon, Cucumber' Squash and Grape Vines, Fruit and Ornamental Trees, Shrubs and Flowering Plants. It has been used with great success and is not injurious to either man, beast or fowl, but is probably the most effective and economical article in use for the destruction of the various insects that prey upon cultivated vegetation. In 5 lb. packages 35c., 10 lb., packages, 60c., Grape dust, 3 lb. pkt. 25c., 5 lb. pkt. 35e., 14 lb. pkt. 60c.

***SOLUBLE FIR TREE OIL.*— An insecticide, for parasites on plants and animals.** This answers every purpose as an Insecticide and satisfies the requirements of the Horticulturist, being perfectly soluble in water. The application of the insecticide on plants and trees should be done in the evening or very early in the morning, and the use of soft water is especially recommended.

DIRECTIONS FOR USE:

To make solution for washing or cleansing purposes.—Half a pint of the Oil to 10 gallons of water.

For Green and Black Fly, Thrip, American Blight, Woolly Aphis, &c.—Half a pint of the Fir Tree Oil to 2 or 4 gallons of water, or 2 or 3 table-spoonfuls to the pint.

For Red Spider and Caterpillar—Half a pint of the Fir Tree Oil to 2 gallons of water, or 3 table-spoonfuls to the pint.

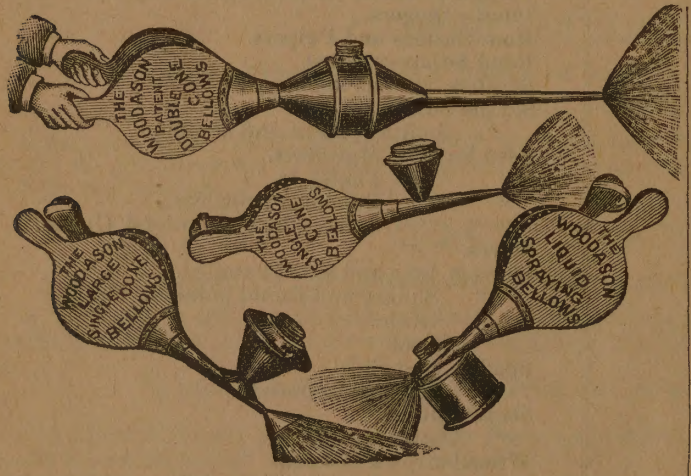
For Mealy Bug, Brown and White Scale—Half a pint of the Fir Tree Oil to 4 or 6 quarts of water, or 3 or 4 table-spoonfuls to the pint,

For Mildew and Blight on Fruit and Foliage—Half a pint of the Fir Tree Oil to 1 gallon of water, or 2 table-spoonfuls to the pint.

For Ants, Grubs, Worms, Wood Lice, &c., in the soil—Half a pint of the Fir Tree Oil to 4 galls. of water.

Per qt. $1.40 Per pt. 75c. Per ½ pt, 50c.

Pure London Purple, in paper boxes.....15c	Paris Green, in paper boxes 15c
Gishurts's Compound, per box.....60c	Evan's Flower and Plant Food, per box.....25c
Fowler's Insecticide, per bottle.....50c	Grafting Wax, l'homme Lefort, per tin ..25c to 60c
Hellebore Powder, in 1 lb. pkts.....25c	Insect Powder.....40c
Flowers of Sulphur,.....15c	Whale Oil Soap.....20c



Single Cone Woodason Powder Bellows. $1.00 and $2.00.

Double Cone Woodason $3.00.

Spraying Bellows, $2.00

LETHORION No. 3 VAPOUR CONE.

For the certain destruction of all Plant Pests, without injury to Flower, Foliage or Color of the most fragile growths.

Directions :—This cone is sufficiently powerful to clear a house of 1000 cubic feet capacity. It is only necessary to light the tip, place the Cone on an upturned flower-pot, and allow it to remain till it is burned out. It is at all times desirable to select calm nights for the operation, and to have the glass well secured.

Spraying Appliances and Materials.

THE time is past when intelligent men discussed the advisability of spraying. The chief questions are how to do it most conveniently, inexpensively, thoroughly and economically. What appliances will do the work most thoroughly, and what combination and proportions of chemicals or other materials will be most effective.

To help the inexperienced to find a speedy and satisfactory answer to the question, how to spray effectually, a few general remarks are offered on fungous diseases and fungicides; insect pests and insecticides.

There are two distinct classes of plant and fruit destroyers which the farmer and fruit grower have to contend with: insects and fungous diseases, and to minimise or do away with the ravages caused by these, two distinct classes of remedies have been brought into use. These are known as insecticides and fungicides. The former are intended to destroy insects, the latter to prevent the germination of spores of fungoids.

Nearly every useful plant is subject to the attacks of unseen foes. These make their presence known by their ravages. They are known as **Rust, Rot, Blight, Mildew** or some other similar name, but they all injure or ruin the plants they attack.

Whilst a great deal of ignorance still prevails as to the nature and character of these diseases (?) sufficient has been learned of them, and of the means to be used for their prevention or suppression to enable us to meet and overcome them, so that what we offer, as remedies to our customers and friends, we offer with confidence since they have been tried and found efficacious in different localities and under varied circumstances and upon many different crops.

The treatment with fungicides are preventive, and are calculated to anticipate the disease caused by fungi; it is consequently of the greatest importance to begin the application of these remedies early or before the spores or seeds have found a lodgement.

The fungous diseases, rot, rust, blight, mildew, etc., are almost always charged to the weather. It has been frequently observed that after a peculiar condition of the weather they have established themselves on the growing crop, and have begun their deadly work. The weather, however, was only indirectly the cause in furnishing the suitable conditions of atmosphere—i e heat and moisture—to enable the spores to germinate or come into life. The object then of fungicides is to forestall the enemy and take possession of the plant, foliage and fruit, and have an agent in possession, before the spores light on them, that will destroy them before any damage is done.

FUNGICIDE

Is the term used to designate all substances that will destroy the incipient disease or altogether prevent its occupancy.

INSECTICIDE

Is the name used to express all those substances that destroy insect pests.

The most common farm pest is the potato bug, but that is so readily destroyed with Paris green and the process is so well understood that it is unnecessary to do more than mention it. It only remains to say that at the same time it is put on for the destruction of the worm, the Bordeaux mixture might be applied for the prevention of potato rot. This has passed beyond the experimental stage, and may be considered as established. The addition of the usual quantity of Paris green to the Bordeaux mixture will prevent the rot and destroy the potato worm.

The apple scab or black spot and the codling moth are the great hindrances to the successful cultivation of our chief fruit, the apple. To prevent the ravages of these two enemies, it is again Bordeaux mixture and Paris green in varying proportions.

Bordeaux mixture is made by dissolving 4 lbs of blue vitriol (copper sulphate) in a sufficient quantity of water, say 2 gallons and slacking 4 lbs of quick lime in also 2 gallons water and adding the two to about 40 gallons of water, straining them through two or three thicknesses of coarse bagging, to exclude all solid substances that could clog the nozzle of the spraying apparatus.

Paris green should always be made into a paste before adding to water or any other liquid for spraying; by this means it is used to the best advantage without waste. A quarter ounce to 2 gallons of water is about the quantity generally used.

Copper Solution ammoniated for mildew, rot, blight, &c., per lb. 60c.
Copper Compound, dry powder, " " per lb. 10c.
Copper Sulphate, per lb. 10c., 5 lb. 40c., 100 lb. $6.00.
Concentrated Ammonia, in stoppered bottles, 30c.

Fir tree oil, ½ pint 50c., per pint 90c.
Hellebore powder, per lb. 25c.
Slug shot, 3 lb. package, 25c.
Grape dust, 3 lb. package, 25c.
Flowers of Sulphur, per lb. 15c.
Whale Oil Soap, per lb. 20c.

Spraying Appliances, &c.

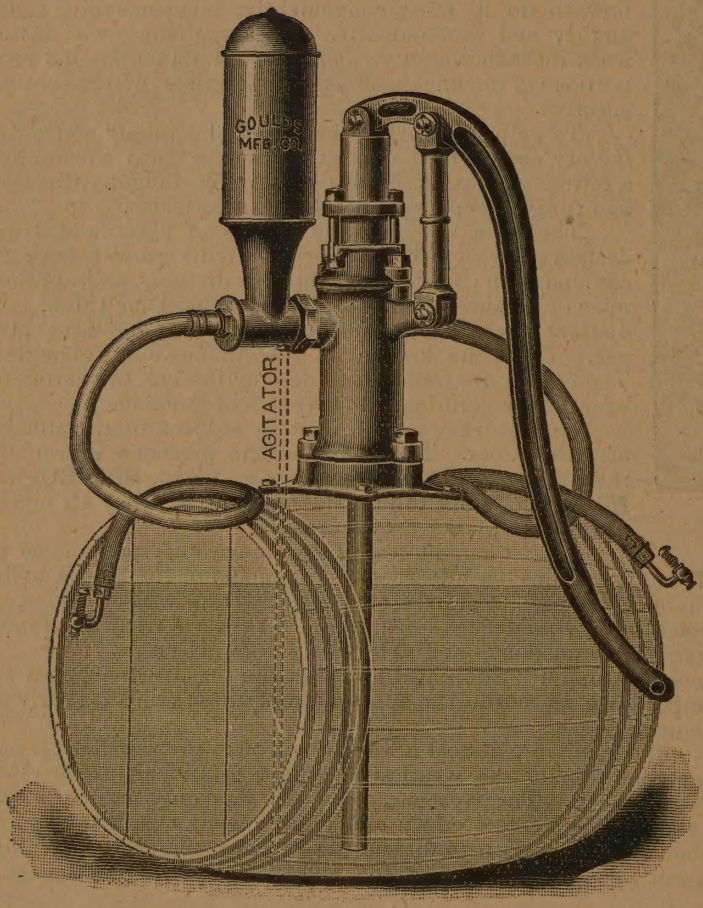


Fig. 905½.

Gould's double acting Spray Pumps

This pump has 2½ feet one inch iron suction pipe, with brass strainer and one lead of 10 feet ½ inch discharge hose with Masson or other spray nozzle, and is sold at the very

Low price of $12.50.

This pump is much superior to many of the smaller and cheaper pumps in the market It is provided with a large air chamber, which increases its efficiency and utilises its unusual capacity. Prices given above do not include barrel. This pump can be fitted up to do two rows of trees at once, by simply adding the extra length of hose and nozzle at the trifling

Additional Cost of $3.00.

Goulds "Handy" Knapsack Spray Pump.

FIG. 989 represents a new and improved Knapsack Spray Pump. The Pump is made entirely of brass and copper, with rubber ball valves and metal plunger, all of which are easily accessible and can be, therefore, readily examined and repaired.

The discharge is at the bottom, and the Pump can therefore be entirely drained of the liquid.

The reservoir is made of heavy copper, and will hold about five gallons of liquid.

We furnish each Pump with 3½ feet ⅜ inch Discharge Hose, and "Masson" Lance Nozzle.

Price, etc., "Handy" Knapsack Sprayer, complete as shown in cut, $15.00.

When ordered we can furnish with an agitator at extra price.

The Goulds Portable Brass Spray PUMP

Fig. 561½.

Fig. 561½ represents a compact and powerful Brass Pump arranged with "Calla" spray nozzle and capable of many services. With each pump is sent suction and discharge hose connected, as given in table.

Fig. 561½ Price
With 2½ feet, ¾ inch suction and 3 feet ⅝ inch discharge hose and "Calla" spray nozzle
$9.00

THE LENOX SPRAYER

BEAT THIS IF YOU CAN!

22 Quarts

FOR POTATO BUGS

FOR GARDEN, FIELD, GRAPE AND SMALL FRUIT CULTURE.

SEND $4.00 AND GET ONE.

ONE MAN DOES the work of 12, and need not stoop down either

Spray as fast as you walk. No waste whatever. Spray stops by releasing the pressure of the thumb

The "Victor" Force and Spray Pump.

Made with Brass Cylinders and Valves and Galvanized Iron Body.

Is Semi-Automatic and Throws a Continuous Solid Stream or Spray.

TRY it anywhere and everywhere that a Pump of this character can be used and you will always use it, because it is always ready—will not get out of order.

It is a most successful Spray Pump. It will throw a spray as fine as mist that will rest where it falls—as a misty spray cannot be thrown a great distance. The tallest fruit trees can be sprayed with this Pump by using extension hose and tying the nozzle to a long pole (fish pole).

THE "IDEAL" SPRAYER

THIS PUMP is so constructed as to force at both upward and downward strokes of the handle, causing the liquid to be discharged in one unbroken stream or spray as desired. It also has great forcing power and is particularly adapted for spraying the largest as well as the smallest of trees with ease. You do not need to carry a dipper and funnel with you (as is the case with most spray pumps) to prime it with, for it is always primed and ready for business. It is simple in construction and not liable to get out of order, for there is no leather sucker to wear and always need repairing as in other pumps. It is declared by those who have tried it to be the best pump manufactured for spraying. This pump is not merely gotten up to sell but, because of its superiority, to make all others take a back seat when the spraying season comes on, for, if you once try it you will use no other. The outfit complete consists of the pump with suction pipe and six feet of discharge hose and a graduated nozzle as shown in cut, or other nozzles to suit purchasers. No Barrel.

The "Ideal" keeps the liquid thoroughly agitated.

The "Ideal" Sprayer with 7 feet of ¾ inch Rubber Hose and Boss or "Ideal" nozzle, and pipe for depth of barrel, cash	$10 00
With both Boss and Vermorel	10 50
Boss or Ideal nozzle	85
Vermorel nozzle	1 25

L. WOOLVERTON, M.A., Editor of the Canadian Horticulturist, says in the number for February, 1893 :

"The Field Spray Pump is a Canadian invention, and as we always desired to encourage native industries, we give this invention a prominent notice. Having given it a fair trial, we can unhesitatingly speak of it as a pump that works easily, throws a continuous stream of spray, does not require priming, is uncommonly strong and so simple in construction, that there is little to get out of order.

—o—

Central Dominion Experimental Farm,

Ottawa, January 4, 1894.

Dear Sir:

In reply to your favor of the 23rd instant, I beg to say that I used the pump you sent me last spring for trial, with great satisfaction, both for spraying fruit trees, and potato vines, with Bordeaux mixture, for potato rot.

Yours very truly,

J. FLETCHER, Entomologist and Botanist.

Flower Pots, Vases, Cast Iron Vases, other garden requisites.

IMPORTED SCOTCH FLOWER POTS.

Inch Diam.	Per Doz.	Inch Diam	Per Doz.	Inch. Diam.	Per Doz.	Inch Saucers.	Per Doz.
4	$0 75	8	$2 50	12	$10 00	7	$1 50
5	1 00	9	3 50	14	15 00	8	2 00
6	1 40	10	4 75	Inch Saucers.		9	3 00
7	1 75	11	7 00	6	1 00	10	4 25

CANADIAN FLOWER POTS.

Inch.	Per Doz.	Inch.	Per Doz.	Inch.	Per Doz.	Inch.	Per Doz.
2	$0 13	5	$0 25	8	$0 80	11	$2 00
3	0 15	6	0 35	9	1 00	12	3 50
4	0 20	7	0 50	10	1 50		

STANDARD FLOWER POTS.

Inch.	Per 1,000.	Inch.	Per 100.	Inch.	Per Doz.
2	$7 50	2	$1 00	2	$0 10
3	10 00	3	1 25	3	0 15
4	15 00	4	1 75	4	0 25
5	30 00	5	3 00	5	0 40
6	45 00	6	4 75	6	0 75

6 inch Bulb Pans..each, $0 10 — 8 inch Bulb Pans,..each, $0 15 — 10 inch Bulb Pans..each $0 25

10 " Calla Pot... " 0 75 — Window Pans, each, 75 to 1 00 — Square Seed Pans, each 65 to $1 10

ORNAMENTAL FLOWER POTS, FERN STANDS, VASES, &c.

CAST IRON VASES.

Borghose Vase, height 24 in. in diam. 15 in each $6 50
Florence " " 21 " 13 " 4.75
Wellington " " 15 " 10 " 4.75
Warwick " " 17 " 15 " 8.50
Pompeii " " 9½ " 2½ " 1.25
Orchid Hanging Baskets, Nos. 1 and 2–6, 7, 8, 9, 10, 11, 12, 14, in. diameter..... each 20c to 1.35

Common Orchid Pots 6, 7, 8, 9, 10, 11, 12 in. 25c to 1.25
Ornamental Fern Stands–7, 8, 9, 10, 11, 12, 13, 14, in.... .....each 1.75 to 3.00
Fancy Flower Pots..... " .85 to 1.30
Plain Fern Pans..... " .40 to 1.10
Round Seed Pans..... " .60 to .90

Hanging Vases, various designs; Pots, Rustic Logs, round &c., finished in colors,

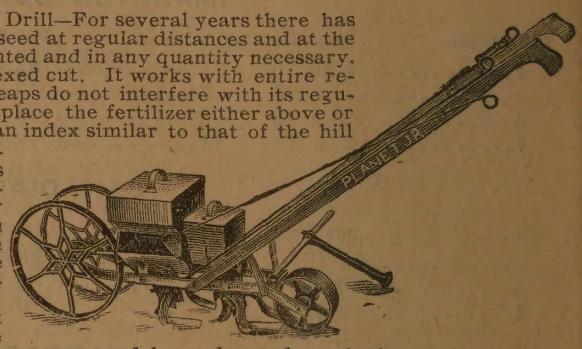
	Height of Vase.	Diam. of Top.	Width of Top.	Price of Vase only	Height of Vase with Pedestal	Diam. of Top.	Diam. of Bottom.	Price of Vase complete with Pedestal.
No. 1	15 in.	13 in.	10 in.	$2 00	30 in.	9½ in.		$5 50
" 2	20 "	16 "	16 "	4 00	41 "	11 "	14 in.	7 50
" 3	24 "	24 "	24 "	6 00	48 "	25 "	17 "	12 00
" 4	Same pattern as No. 6	.....	.....	.....	19 "	13 "	10 "	7 50
" 5	Extended.	.....	.....	.....	25 "	13 "	11 "	7 50
" 6	.....	.....	.....	.....	24 "	14 "	14½ "	7 50
" 7	Extended.	.....	.....	.....	31 "	23 "	14 "	20 00

These vases are painted white or brown, as may be desired, and are of a very graceful shape and handsome appearance. The handles are attached with wrought iron bolts, so that there is no risk of breaking. The Pedestal is not only cheaper than a stone vase, but is more desirable on account of its general appearance and portability.

RUSTIC WOOD VASES IN SEVERAL PATTERNS.

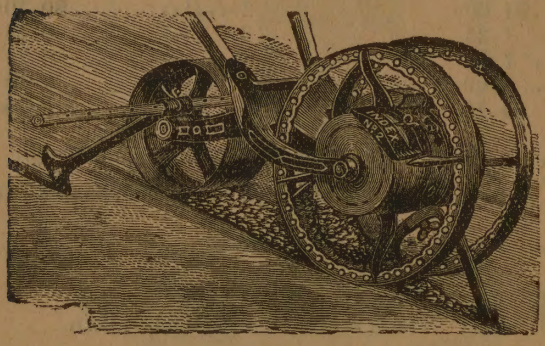
The Planet Jr. Implements.

The "Planet Jr." Combined Hill Dropping and Fertilizer Drill. Price $18 00.



The "Planet Jr." Combined Hill Dropping and Fertilizer Drill—For several years there has been a pressiug demand for a machine which would drop the seed at regular distances and at the same time sow fertilizers either above or below the seed as wanted and in any quantity necessary. We have, therefore, brought out the machine shown in the annexed cut. It works with entire regularity whether there is much or little in the drill, and small heaps do not interfere with its regular sowing. It holds about one peck. The plows can be set to place the fertilizer either above or below the seed. The amount sown is regulated accurately by an index similar to that of the hill dropper, and the discharge of both drills may be cut off or started instantly, either separately or together, thus avoiding all loss at the end of the row. This also has a force feed; a double acting open metal worm discharging regularly; and is protected by metal feeding shelves, which move slightly and alternately with each revolution of the screw, supplying material to it with great regularity and preventing clogging in the hopper. Like the plain hill dropping drill, it does not sow when drawn backward, and can be quickly thrown entirely out of gear.

This machine will be a great boon to farmers and market gardeners, and we recommend it with confidence, as we have made the most careful practical trials with it through the past two years, and have devoted much time aud care to ensuring its being the most perfect tool of the kind ever made.



The "Planet Jr." No. 2 Drill.

Holds 2½ quarts. It will sow with equal ease and accuracy, a single paper of seed or a full hopper, covering evenly at an exact depth, and will roll down and mark the next row perfectly, all at a single passage, it has no cams, levers brushes, cogs, springs or shakers. It is noiseless, automatic, self cleaning, and always reliable. It is remarkable for simplicity, strength and beauty and for ease and perfection of work in the field. No one havlng use for such a tool can afford to buy any without such advantages, it is the latest improved and best.

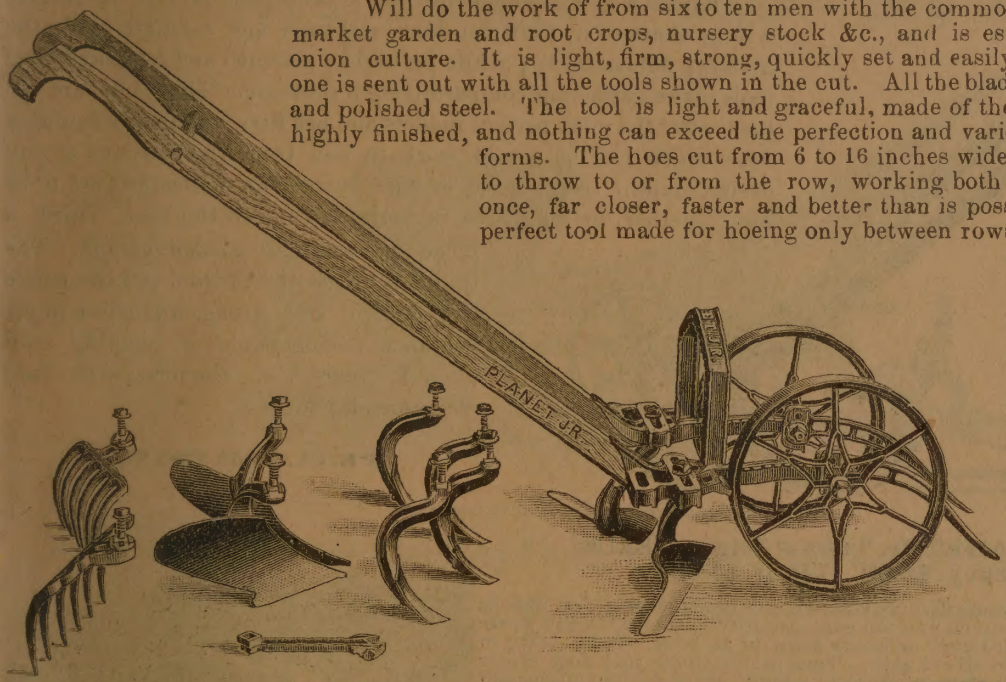
PRICE, $9.00 BOXED.

The "Planet Jr." Combined Drill, Wheel Hoe, Wheel Cultivator, Rake and Plough.

This is the most popular tool that I have ever sold, and it is unrivalled in beauty of design, perfection of finish, convenience and capacity for work It is suitable for either the Farm or Garden, and except the "Planet Jr.", separate tool, has no equal either as a drill, or as a wheel hoe, cultivator or plough. As a drill it is exactly similar and equal to the No 2 except in size. It holds one quart. As a *Plough* it opens furrows, covers them, hills, ploughs to and from, &c. As a *Hoe* it works safely and closely to and from both sides of the row at once, at the critical time when plants grow larger, working all rows from 8 to 16 inches wide at one passage. As a cultivator, it is admirably adapted to deep mellowing of the soil. The blades are of *tempered* and *polished steel.* It has a finely adjusted spring brass seed reservoir, and adjustable plough—two carrying and covering wheels; the new permanent *seed index* the *cleaner* and *maker* all combining to make a perfect tool. It sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage, in the most reliable and perfect manner. Each machine is sent out with the tools shown in the cut and by removing the roller and one bolt, is ready to be used as a Wheel Hoe, Cultivator or Garden Plough.

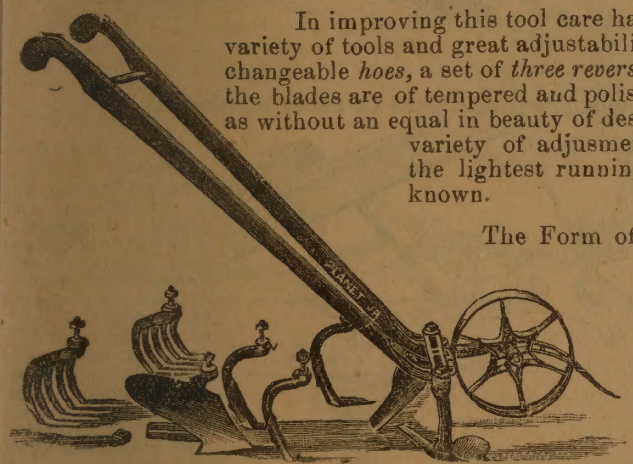
Price boxed $12.00

THE "PLANET Jr" Double Wheel Hoe, Wheel Cultivator and Wheel Plough.



Will do the work of from six to ten men with the common hand hoe among market garden and root crops, nursery stock &c., and is especially adapted to onion culture. It is light, firm, strong, quickly set and easily managed. Each one is sent out with all the tools shown in the cut. All the blades are of tempered and polished steel. The tool is light and graceful, made of the best material and highly finished, and nothing can exceed the perfection and variety of work it performs. The hoes cut from 6 to 16 inches wide and can be used to throw to or from the row, working both sides of the row at once, far closer, faster and better than is possible with the most perfect tool made for hoeing only between rows. The 4 cultivator teeth work beautifully among larger plants, mellowing the soil thoroughly The ploughs are useful in weeding crops, in opening furrows, and covering and in hilling large plants. The wheels are adjustable in height and can be set 2 to 10 inches apart, or for working between crops as a Single Wheel Hoe at four inches apart. PRICE, $8.00 BOXED.

The "PLANET Jr." SINGLE WHEEL HOE, WHEEL CULTIVATOR and WHEEL PLOUGH Combined.

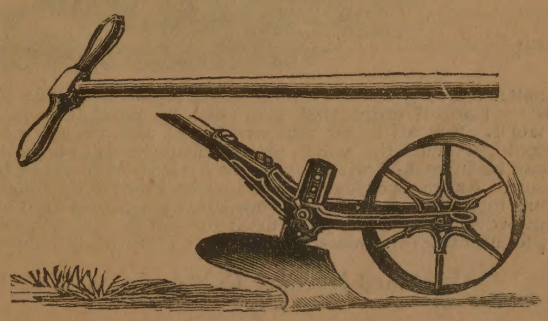


In improving this tool care has be taken to combine extreme lightness, strength, variety of tools and great adjustability. It has *a pair of long* and *one pair of short* exchangeable *hoes*, a set of *three reversible cultivator teeth*, and a *steel garden plough*. All the blades are of tempered and polished steel This tool is pronounced by practical men as without an equal in beauty of design and finish, ease of operation, quality of work, and variety of adjusment, and in this improved form it is unquestionably the lightest running, most convenient and practical Single Wheel Hoe known.

The Form of the blades has proved superior to all other shapes, insuring a forward slanting cut next to the plant, and consequent close work *without danger*, and at the same time thorough *cultivation af the soil*. The cultivator teeth in combination with the hoes, enable the operator to perform almost every variety of work, either in the field or garden. All rows from *six to eighteen* inches apart can be perfectly hoed at *one passage*. The frame allows every desirable *adjustment*, is quickly raised or lowered to a regular depth and the wheel can be attached centrally or to *either side of the machine* giving the operator the *important advantage* of hoeing both sides of the row at one passage, when desired.

Price $6.00 Boxed.

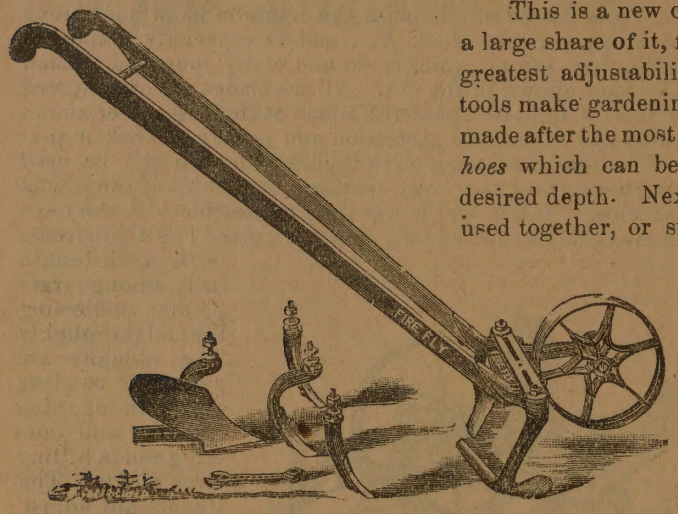
The "FIRE-FLY" Wheel Garden Plough.



Makes the care of a vegetable garden a pleasure, and many families who could not find time to keep a garden, if attempting its cultivation with an ordinary hand hoe, can raise their own vegetables successfully with the Fire-Fly. It takes the place of the horse and plough, or cultivator, requiring no wide headlands to turn on and is invaluable during all the gardening season.

The price is reduced to $2.50.

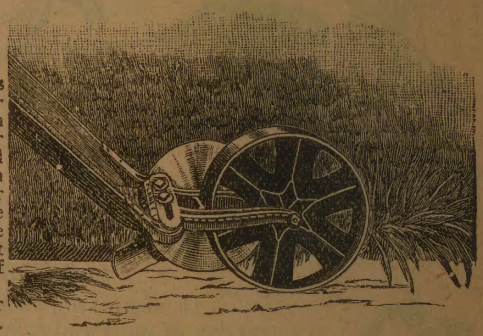
The "FIRE-FLY" Single Wheel Hoe, Cultivator and Plough combined.



This is a new claimant for public favor, and is sure to receive a large share of it, for it combines lightness and strength with the greatest adjustability; while its highly polished and tempered steel tools make gardening comparatively a pleasure. The tools are all made after the most perfect models and are first, *a pair of* admirable *hoes* which can be set to work to and from the row, and to any desired depth. Next a set of *three reversible cultivator teeth* to be used together, or singly or in conjunction with the hoe. Third, *a large and excellent garden plough.* The frame is made of stiff iron, and the whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation.

PRICE, $4.50 BOXED.

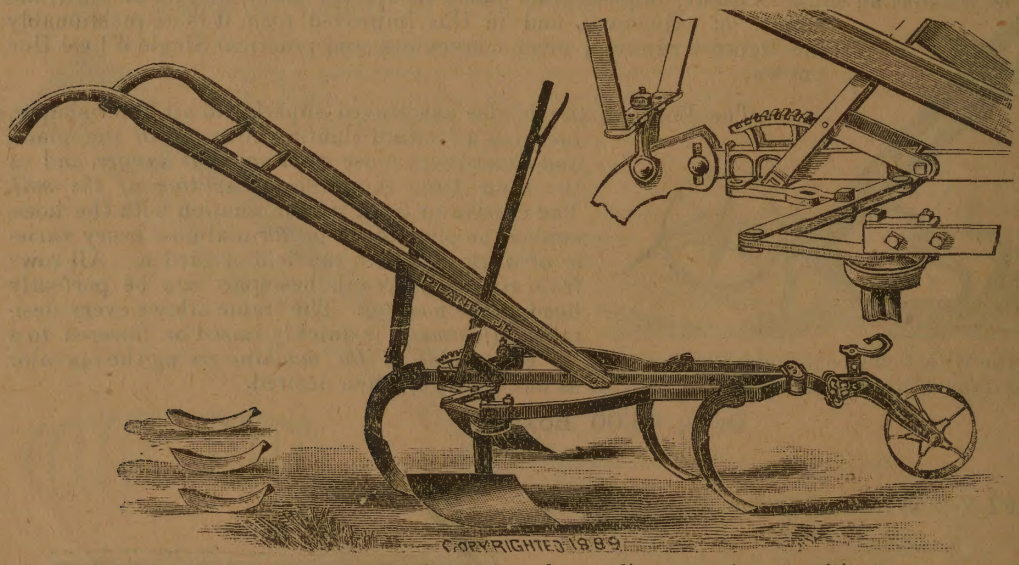
The "PLANET Jr." Grass Edger. Extra Heavy, $6.00. Light, $4.00.



A cheap, handy and effective Grass Edger is a treasure, and here is one; a new tool with which you can edge beautifully the walks and *flower and shrub beds* of an ordinary half-acre lawn in an hour. Think of it; in the usual way it would take a day. This perfect little tool does either *straight or curved* work most accurately, edging at the desired angle, and at speed of a mile an hour. After all the grand secret of attractiveness in out-of-door surroundings is extreme neatness. The "Planet Jr." Edger assists wonderfully in producing this indispensable effect. It will give *more genuine pleasure and satisfaction* for its moderate cost and the little time expended in its use than the lawn mower. It should be a constant companion of the mower, and is invaluable in giving the last touch of neatness to the lawn, when the mower has done its best.

Strawberry growers will find it a rapid and perfect tool for cutting off surplus runners, For this work, the hoe should be removed.

The "PLANET Jr." Horse Hoe, Cultivator, Plough and Coverer combined.



"PLANET JR." Combined Horse Hoe and Cultivator is excellent in design, workmanship and finish, capable of the greatest number of combinations, all of which are useful to every farmer and admirable for the purpose intended. The tool except the handles, is made entirely of wrought and malleable iron and has the standing clevis with locking pin, the stirrup clamp, the frame adjustable in width, the handles changeable in height, teeth adjustable to depth or angle and reversible points. It is rapidly growing in favor for corn culture, doing work with one horse superior to that of the ordinary two horses cultivators.

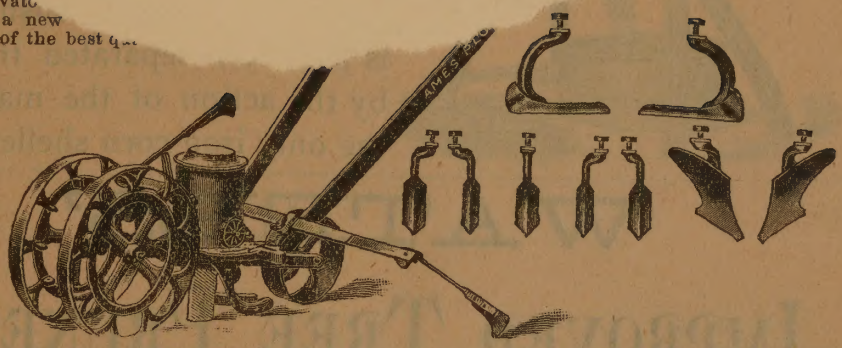
For all crops that are hoed by hand it is invaluable superseding the hand hoe and saving three-fourths of the work. For all crops that are hilled and very few are not, nothing can exceed the perfection and ease with which this tool performs the work, breaking up the soil perfectly and hilling the crop much or little as desired. As a cultivator it can be furnished with any width of teeth from 1½ inches to 4½ inches, adjusting it to every class of work and variety of soil. As an opening plough it is invaluable for making furrows for potatoes, corn and all other crops. As a coverer it has no equal for corn, potatoes, and in fact, any kind of covering, as it covers and rolls down the ground at one operation in ordinary field work, or fits it for setting out plants or for using the garden seed drill or wheel-hoe. The sale of this tool and the reputation gained by it has probably never been surpassed by a similar implement in so short a time.

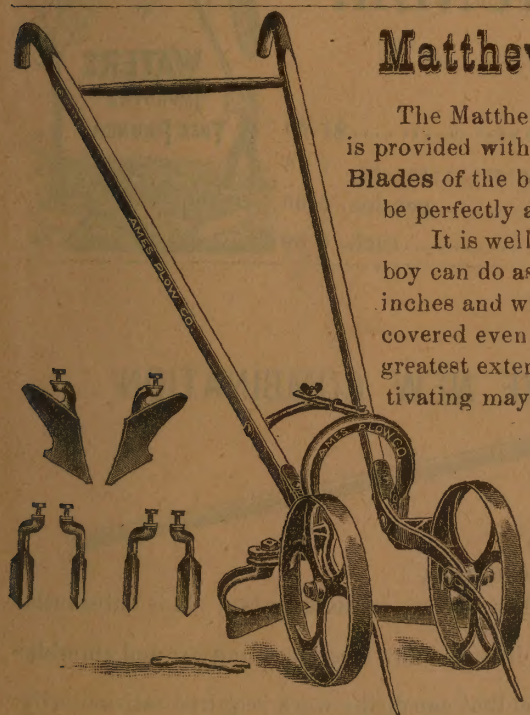
Combined Hoe and Cultivator	$11.00	Covering attachment	$2.00
		Wheel	1.00

Matthews' Imp.

The Matthews Drill and ...hanged and improved so that as ... of the Matthews' Garden Seed Drill of ...patent INDICAT R as that. The Cultivato... greatly improved by providing it with a new ...proved pattern with STEEL BLADES of the best q... cultivator it is now similar to the Matthews' Improved Hand Cultivator. Therefore as now constructed, this machine cannot fail to prove very efficient for use, either as a drill or cultivator, and will be found to be adapted for any kind of soil.

I can furnish with this machine, if desired, a pair of superior style Hoes with long steel blades, for use in exchange with the Cultivator teeth, which are easily and quickly adjusted, at $2.00 per pair.





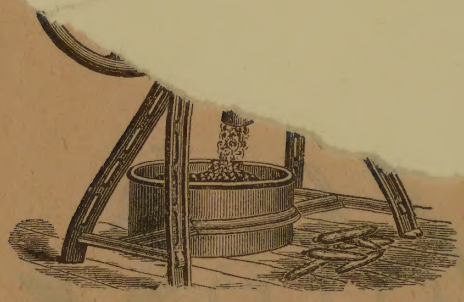
Matthews' Improved Hand Cultivator.

The Matthews' Hand Cultivator has been also changed and improved. It is provided with a new set of teeth of an improved pattern having **Steel Blades** of the best quality, and as now constructed will, I think be found to be perfectly adapted for use in any kind of soil.

It is well constructed throughout, very durable and easy to operate. A boy can do as much with it as six men with hoes. It spreads from 6 to 14 inches and will cut all the ground covered even when spread to its greatest extent. The depth of cultivating may be accurately gauged by raising or lowering the wheel, which is quickly done.

We can furnish for the Matthews' Improved Hand Cultivator, if desired, a pair of superior style hoes with long steel blades, for used in exchange with the cultivator teeth, which are easily and quickly adjusted, at $2.00 per pair, complete.

PRICE, $6.50 boxed.



...r iron and will sh...
...ushels per day. The see...
is p... ...eparated from the cob in delivery by the action of the machine. It is probably the only iron corn sheller in use.

WATERS'

IMPROVED TREE PRUNER.

Length of pole, 8 feet, weight 3½ lbs	$1 50
" " 10 " 4½ "	1 75
Extra knives	per doz. 3 00
" "	each. 0 30

THE NEW COMBINATION

RAKE.

NG THE CLEARING BAR RAISED.

be clogged with either leaves, weeds or grass. It is substantial

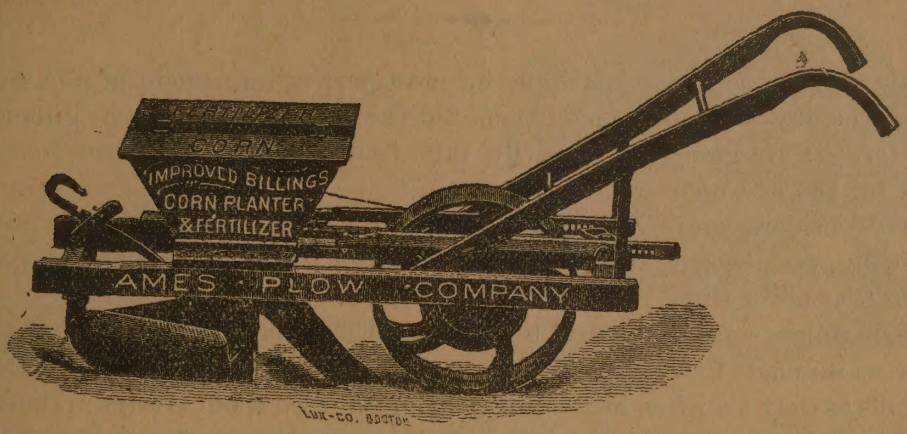
ood head, malleable iron shank, steel cleaning-bar and shoulder hed.

only one on the market that can do the work required satisfactorily.

- - - - - - - $1.00.

Improved Billings Planter and Fertilizer.

TIME SAVED.
BETTER, WORK.
QUICKER RESULTS.



PERFECT WORK. WHETHER
STONY, SWARD,
OR MELLOW LAND.

Superior to all for Planting Field, Ensilage and Fodder Corn, Broom Corn Beans and other Seeds of like size.

CAN ALSO BE ARRANGED FOR DROPPING BEET SEED,

This Planter has proved itself perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, and any one can at once understand and manage it It **performs work with certain and good effect on stony and sward land,** as well as on mellow intervale or other smooth land, thus asserting its superiority over all other planters. One horse is sufficient for draft, and seven to ten acres can be planted by one man in a day. The work can be done at once and when the ground is in best condition to receive the seed, and far better than is possible to plant by hand. The importance in the saving of time will be readily understood, and the superiority of work done is substantiated by the fact that **corn planted by this machine** germinates much quicker and comes up much more uniformly than if planted by hand.

The Hopper above the Beams is made with two compartments, one for the Seed and the other for the Fertilizer **The plough** below opens the furrow, at the same time **clearing away all inequalities** within the reach of the Coverers, which follow in the uniform and pulverized seed bed thus prepared. The seed drops in the clear furrows opened by the plough, falling through the hollow Standard to the bottom. By an ingenious arrangement **the fertilizer drops** at the same instant in the rear **separately and to the right and left,** and mixes with the soil, thus avoiding all danger of injury to the seed. **This important feature of dividing the fertilizer,** and then mixing it with the soil, is not embodied in any other planter. The Curved Blades, or Coverers, directly in the rear of the Plough, cover the Seed and Fertilizer to the desired and uniform depth, and the **Broad Wheel,** by which the machine is operated also rolls or presses the soil down upon the seed much more uniformly than is ever done by hand.

By a very simple but certain and unerring device, this machine may be gauged to drop any desired quantity of Seed or Fertilizer at a time, at equal and various distances apart, in hills or drills of uniform depth.

This Planter is made in four sizes, and each size may be regulated to drop four different distances apart, as noted below :

15 inch	Wheel	Plants	5 1-2, 11, 22, or 44	inches	apart	.....	$20 00
16 "	"	"	6, 12, 55, or 50	"	"	.....	22 00
19 "	"	"	7, 14, 28, or 56	"	"	.....	24 00
20 "	"	"	7 1-2, 15, 31, or 63	"	"	.....	26 00

Our One Horse Double Drill Seed Sower.

We place before you in this machine the most perfect implement of its kind manufactu.ed to-day. The day was when one of them did the work for a whole neighborhood. As, however, all farmers are going more heavily into feeding crops they want one each, and, therefore look for the best one.

The first consideration is, will it sow the seed without missing? We must answer most emphatically, yes ; because it is driven by a large drum that never slides, and a steel sprocket chain that never slips.

The front rollers smooth the drill into a beautifully shaped oval row.

They are also made to slide easily upon a sufficiently long iron rod or axle, to follow the uneven drills,as they are often made, thus placing the feed spout always in the centre of the drill. Their hub is in the centre and is unbreakable. On the shaft are placed thimbles, to prevent the edges of roller from wearing sides of frame. We have never known a frame to break. The seed then passes into the ground through a large feed spout. This feed spout we have improved during the past year, so that it is now practically perfect, allowing no seed whatever to stick in it, neither will it clog up with dirt. The rear rollers or drums are convex shaped, and are much larger than most makers use, and are not so liable to shove, instead of turn, in very soft, loose soil.

Being convex, they press the top of the drill into a V shape, and thus retain all the moisture right with the seed.

The vicinity of St. George is known for growing very fine roots, and one reason for this is, no doubt, owing to the fact that scarcely another make of drill is used here

In turning around at the ends, no seed is lost, as by simply lifting the handles the sowing ceases. Be sure to see ours before buying.

Weight, 200 lbs. **Price, $14.**

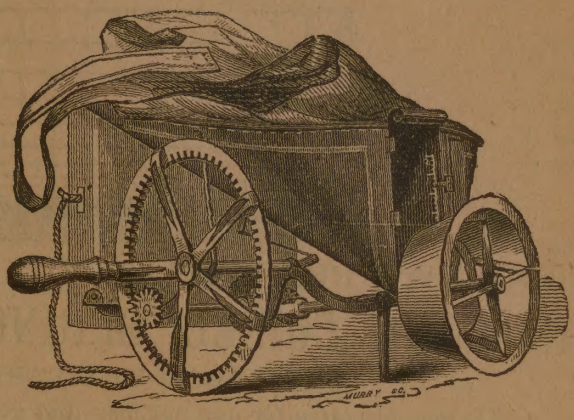
FARM ROLLER.

Bell's large Double Land Roller.

This is the best Farm Roller in the market. Its lifetime is unlimited. Hundreds of them have been in use for twenty-five years. It does its work so thoroughly that it pays its cost every year. The wood used in its construction is of thoroughly seasoned, selected, white oak. The end hangers of the frame are of strongly ribbed cast iron. A wrought iron axle runs clean through, supporting the frame by three bearings one at each end, and one in the middle ; each drum revolves independently. It draws from the centre and runs as easy as a lumber-wagon. It has a spring seat and a large box for either weighting or carrying stone or other material of the field. The weight is about 900 lbs., price $35.00.

No farm should be without this roller. Its great points are: that it is well put together of the best material ; it runs smoothly because it is of light draft ; it does its work thoroughly, and gets over the ground quickly.

CAHOON'S BROAD CAST SEED SOWER.



It consists of a light sheet iron work, with a canvas bag or hopper surrounding it which holds about half a bushel of seed. It is suspended by a strap from the operator's neck, and held in position by a strap round the waist. The grain falls through an opening that can be graduated as to the quantity sown per acre, and is discharged through a flanged mouth or spout. The seed is thrown from 9 to 90 feet on each side of the operator. The machine, at a common walking gait, sows 4 to 8 acres per hour.—Price, $6.50.

LEADER BROAD CAST SEED SOWER. **PRICE, $3.00.**

ROOT CUTTERS AND PULPERS.

——:)o(:——

These Root Cutters and Pulpers are giving satisfaction. They are made either single or double.

The construction of the feed box is such that they cut to the last without any feeding with the hand. They have a grated feed box and all dirt drops through, away from the cut roots.

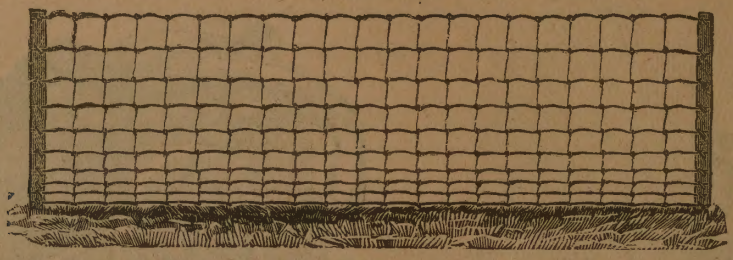
They are much cheaper than other cutters and will cut easily and rapidly.

PRICES, $13.00 AND UPWARDS.

BUDDING KNIVES
From 60c. to $1.50

PRUNING KNIVES
From 60c. to $1.50

THE PAGE WIRE FENCE OF ONTARIO.



A SMOOTH FENCE THAT WILL TURN ANY KIND OF STOCK,

THE PAGE COILED SPRING WOVEN WIRE FENCING,

MADE FROM THE BEST HARD STEEL WIRE.

Drawn specially for our purpose and guaranteed to give complete satisfaction.

FARM FENCES—Size of Rolls; 20, 30 and 40 Rods.

11 Bar 58 Inches High—90 Cts. per Rod Galvanized—Best for general purpose on the farm. The spaces between the horizontal bars are, beginning at the bottom, 3, 3, 4, 5, 6, 7, 7, 7, 8, 8 inc. Weight 10 lbs.

10 Bar, 50 Inches High— 90 Cts. per Rods Galvanized—Always use the 58 inch if possible instead of this. Distance between bars: 3, 3, 4, 5, 6, 7, 7, 7, 8. Weight 10 lbs. per rod.

7 Bar, 43 Inches High—75 Cts. per Rod, Galvanized—Horse and cattle fence, designed to be put on 12 to 18 inches from the ground. Spaces botween bars: 6, 7, 7, 7, 8, 8 inches. Weight 3 lbs. per rod

LAWN AND CEMETERY FENCES—Size of Rolls 10 and 20 Rods—While well adapted for general lawn purposes, our fences seem to meet with special favor from all interested in cemetery enclosures. Being durable, neat, tidy and effective, to turn dogs and all stock they give universal satisfaction.

16 Bar, 48 Inches High—$1.25 per Rod Galvanized—Answers well for yard, lawn, garden or road. Is chicken tight. Spaced as follows from bottom; 2, 2, 2, 2, 3, 3, 3, 3, 4, 4, 4 4, 4, 4, 4. Weight 11½ lbs per rod.

19 Bar, 57 Inches High—$1.50 per Rod, Galvanized—The best for cemeteries, orcha d, and wherever an extra strong, close fence is needed. Is used largely for poultry yards. Spaces; 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4. Weight, 15 lbs. per rod.

MONTREAL WOVEN WIRE FENCE.

This is a fence woven with galvanized wire, at a lower price than any other wooden or wire fence.
A few of the advantages of this fence: It can stand the weight of 20,000 pounds.
It will not rust and break in twists as it is made from the best galvanized steel wire.
It will not be injured by sleet, snow, heat or cold. It is strong, easily handled, durable and ornamental.
It is a net work, without barbs, and will not injure stock and not pull the wool from sheep.
It will protect fields, as perfectly as the best board fence.
It can be taken down, rolled up, and carried to other points without injury.
It will not collect snow drifts, or be injured by snow storms. It is easily put on wooden posts.
It can be made high enough for cemeteries, and narrow enough for lawns. It is the strongest, cheapest, and the best wire fence ever made. In a word, its solidity, elegance, and low price make it the best.

No. 1			No. 2		
4 feet high	per acre, 180 feet.	$7 00	4 feet high	per acre, 130 feet.	$6 50
3 feet 8 inches high	" "	6 50	3 feet 8 inches high	" "	5 50
3 feet 4 inches high	" "	6 00	3 feet 4 inches	" "	5 00
3 feet	" "	5 50	3 feet	" "	4 50
2 feet 8 inches	" "	5 00	2 feet 8 inches	" "	4 00
Less than one acre per foot		6c.	Less than one acre		per foot 5c

Barbed Wire Fencing in rolls of about 100 lbs. ..... per 100 lbs. $4 00

The same fencing without barbs ..... " " 4 00

ONTARIO WOVEN WIRE FENCING.

List No. 1. Selvage three strands No. 13 wire; meshes No. 14 wire.

24 inches wide, contains	15	wires	$6.50	per acre.	42 inches wide, contains	21	wires	$8.00	per acre
30 " " "	17	"	7.00	"	48 " " "	23	"	8 25	"
36 " " "	19	"	7 50	"	54 " " "	25	"	8.60	"

List No. 3. Selvage three strands No. 13 wire; meshes No 14 wire.

30 inches wide, contains	21	wires	$ 9.00	per acre.	42 inches wide, contains	27	wires	$10.12	"
34 " " "	23	"	9.38	"	46 " " "	29	"	10 59	"
38 " " "	25	"	9.75	"	50 " " "	31	"	11.00	"

When ordering give width of fencing and size of mesh you desire.

The "NEW" BLANCHARD CHURN

—:o:—

No. 3, for about	2	gallons of cream	.....	...	$	6 00
No. 4, "	4	"	"	.....		7 00
No. 5, "	8	"	"	.....		8 00
No. 6, "	10	"	"	.....		10 00
No. 7, "	18	"	"	.....		12 00

The *special* advantage claimed for **"The New Blanchard"** is an improved form for the body of the Churn. By making the top circular, as well as the bottom, all the cream *must be churned alike and at the same time*. This new form does not require the cream to be scraped down from the sides of the cover while churning, and *makes streaked butter impossible*. It is stronger and more durable than the old form. The body of the Churn is made of the best Michigan pine about three quarters of an inch thick. All the lumber is thoroughly kiln dried. The new Dasher being more simple than the old, requires much less power to turn it.

It has been proved by accurate experiments that the new Blanchard will make *more butter* from the same amount of cream than the old form The following are some of its special features.

1. Perfect quality of all material used.
2. Excellence of manufacture.
3. Simplicity of construction, having no cog wheels or gearings.
4. Durability.
5. Ease of operation.
6. The action of the Dasher is such as to cause agitation of the cream by creating currents, and not by beating of friction of the cream, which injures the grain of the butter.
7. The reverse motion of the Dasher gives a pressure to the butter, by which the butter-milk may be all worked out and the salt worked in, without removing the Dasher.
8. Facility of removing the Dasher and getting at the butter.
9. Ease of cleaning, the form of construction making the inside without any inaccessible angles or corners

THE BLANCHARD BUTTER-WORKER.

The BLANCHARD BUTTER-WORKER is constructed on an entirely new principle, which does not *work* the butter at all, but which *takes out all the butter-milk*, on the principal of direct and powerful pressure and which *does not* and *cannot* injure the grain of the butter. It is a pressure made by cams, operated by a simple lever giving the most powerful pressure known in mechanics.

Such is the construction of the machine that the pressure is obtained with very little effort, and it is so simple as to be easily understood and operated. It is a cheap machine, costing but a small sum at first, and so simple and durable that it will last a long time. Should any part break by accident, it can easily be repaired by any ordinary mechanic.

The same movements which work out the butter-milk, will *quickly*, *easily* and *perfectly* work in the salt. The entire working and salting can be done without touching the butter with the hands. No second working required.

The butter-worker is not intended to work a large amount at one time; but the smaller size (No. 2) is guaranteed to work and salt *perfectly* five pounds in *two minutes*, and the next larger size (No. 3) ten pounds, as perfectly, in the same time. A large quantity can be worked *as quickly*, *more easily* and *more evenly* in lots of ten pounds each, than all at once by any other method. Is guaranteed that the butter will be left *in better condition*, *every way*, than when worked by the most skilled person by hand, or by any other machine.

PRICE No. 2, $10.00. No. 3, $12,00.

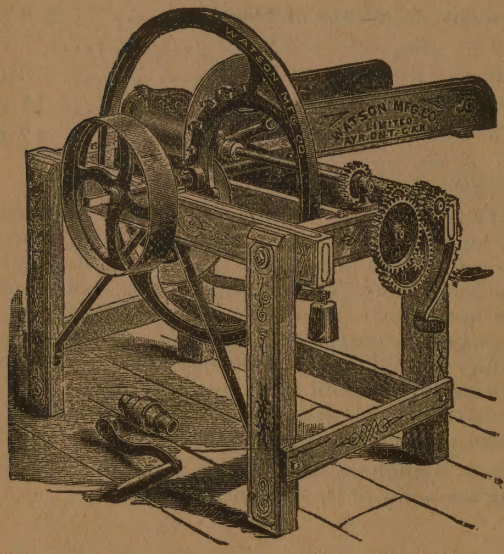
Circular giving further details and directions for use sent on application.

CYLINDER CHURN.

This favcrite style of Churn is in use for many a year. Five sizes are made, to hold from three to fifteen gallons.

No. 1, 2½	gallons	.....	$2 50
No. 2, 4	"	.....	3 00
No. 3, 7	"	.....	3 50
No. 4, 10½	"	.....	5 00
No 5, 15	"	.....	5 50

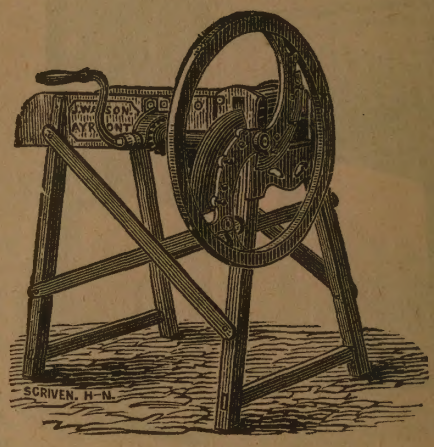
Power Feed Cutter.



This power Straw Cutt r has been before the public many years and lately has been remodelled and is now the simplest, lightest running, and most durable cutter manufactured. Invaluable to those who make a business of STOCK raising.

Price, $45.00.

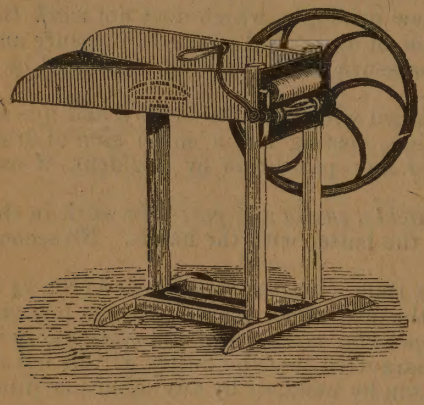
Canadian Hand Feed Cutter.



Meets the demand for a small Hand Power Cutter, suitable and handy for the use of those feeding only a few head, of stock. To such I can recommend the HAND FEED CUTTER.

It is substantially constructed and is not liable to get out of order.

Price, $18.00.

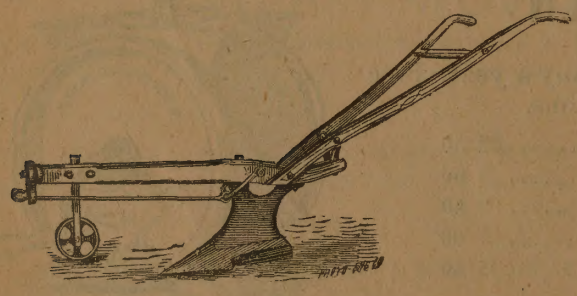


Hide Roller Hay Cutter.

(SPIRAL KNIVES)

This cutter is made with spiral knives which are set in the circumference of a cylinder or arbor and cut against a hide roller. The cutter has been in use for many years, and has given general satisfaction. Any part can be replaced when worn out.

No.	No. of knives.	Length of Knives.	Length of Cut.	Price.
00	4	6 in.	2 in.	$ 8 50
0	5	6 "	1¾ "	9 00
1	6	6 "	1⅝ "	10 50
2	7	6 "	1½ "	11 50
3	8	6 "	1¼ "	12 50
4	9	6 "	1⅛ "	13 50



WATSON'S SUBSOIL PLOUGH.

Is intended to follow the furrow after an ordinary plough and stir and loosen the subsoil without bringing it to the surface.

PRICE. $12.00.

Cattle Food, Poultry Food, &c.

Oil Cake, *ground*,
Cotton Seed Meal,
Linseed Meal,

Fine Bone Meal,
Wheat Meal,
Pease Meal,

Corn Meal,
Calf Meal, special.

WILL MAKE HENS LAY.

WILL MAKE CHICKS GROW RAPIDLY.

Poultry Food.

Wheat, Buckwheat, Poultry Grain, mixed; Granulated bone and bone meal, granulated Oyster Shells.

ULLEY'S

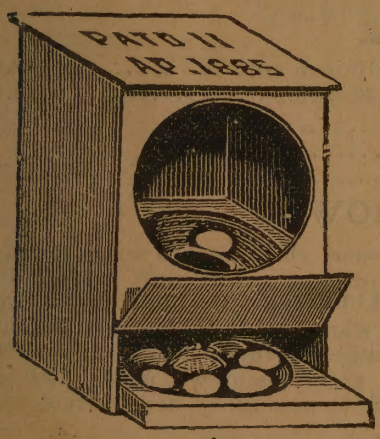
POULTRY FOOD

For Poultry, Pigeons, Turkeys, Geese and Ducks.

Prevents ROUP, GAPES and DIARRHOEA.

Pound Package..... .....25 cts.
5 pounds, $1.00.

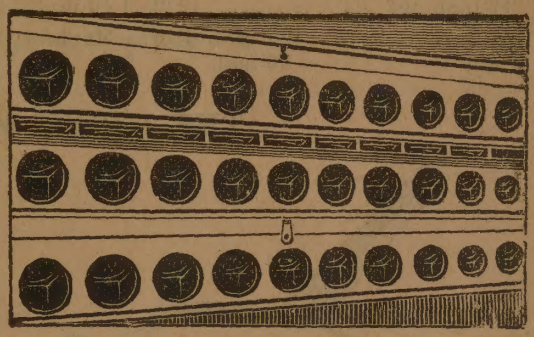
KREAMER'S improved HEN'S NEST.



A

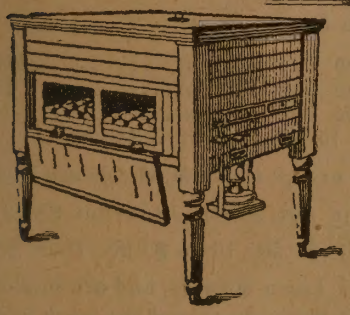
The cut **A** represents the complete nest with door open. The cut **B** represents a series of nests. This lately patented nest, is in the form of an ordinary hen's nest, in the bottom of which is an artificial nest-egg. In the centre of the nest is an opening; the egg as soon as laid falls into a drawer provided with a cushion pad and rolls slowly inside. In this way several hens may lay one after the other in the same nest, without the eggs being exposed to be broken

Patented April 11th, 1885.



B

PRICE.—Single Nest $0.90—Series of 6 Nests, $5.00—Series of 12 Nests, $9.00.



The Pineland New Model.

INCUBATOR.

We claim for this Machine the greatest economy of fuel and a very large percentage of hatched chicks, equalling in this respect the natural process.

All Machines are sent out with full instructions ready for use.

THE "EXCELSIOR" ROLLER LAWN MOWER.

This Mower has been on the market longer than any other pattern and is so well known to the trade that it has become almost a household word.

The iron roller in the rear of the machine gives it a steady motion while at work and holds the Mower close to the ground, thus avoiding the uneven appearance in the grass after being cut. The adjustments are simple and the wear in the journals is taken up with a split bushing.

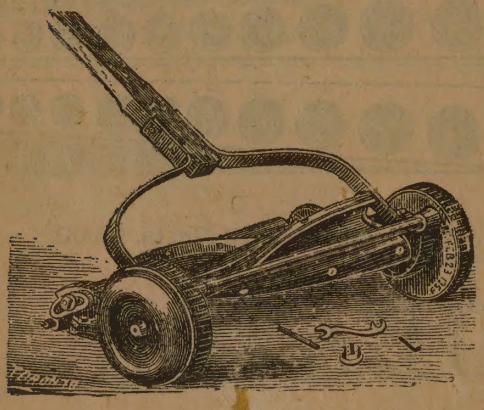
The material used is of the best, and every Mower is guaranteed to be in complete working order before leaving the factory.

Made in Six Sizes.

10-inch cut.....$10.00	14-inch cut.....$14.00	18-inch cut.....$18.00
12-inch cut..... 12.00	16-inch cut..... 16.00	20-inch cut..... 20.00

25-inch Horse Machine, without seat or shafts.....$65.00
30-inch " with seat and shafts.....100.00

THE "NEW MODEL" LAWN MOWER



Combines every improvement that nearly a score of years' experience can suggest or mechanical skill devise, For SIMPLICITY, DURABILITY and QUALITY OF WORK this pattern is unequaled, while for LIGHTNESS of DRAFT it excels by a large percentage all other Lawn Mowers. We FULLY GUARANTEE every claim we make, and are READY AT ANY TIME to practically demonstrate their truth.

A THOROUGH TRIAL IS SOLICITED.

Made in Seven Sizes:

10 inch cut.....$7.00	16 inch cut.....$10.00
12 inch cut..... 8.00	18-inch cut..... 12.00
14 inch cut..... 9.00	20-inch cut..... 15 00

"The Croquet," 10-inch cut.....$11.00

The above cut will serve to illustrate the JEWEL, the AULD is similar except that the wheels are higher.

JEWEL—10-inch cut, $4.50; 12-in. cut, $5.50; 14-in. cut, $6.50; 16 in cut, $7.00; 18-in. cut, $8.00.

AULD PATTERN, high wheel—10-in. cut, $5.50; 12-in. $6.00; 14 in. $6.50; 16-in. $7.00; 18-in. $8.00.

These machines are made to meet all the requirements of first-class Lawn Mowers, and are models of neatness, beauty and strength. The materials used are of the best quality throughout, and the work is done with special machinery thus insuring accuracy in all the parts, and the various parts are thoroughly adjusted, making the running smooth and easy.

BOOKS KEPT FOR SALE BY WM. EVANS.

Prices Appended Include Postage.

ENGLISH.

...re	Cream Raising by the centrifugal and other systems, compared and explained, and the construction of Ice Houses	Illustrated	$0 50
...re	Essay on W. H. Lynch's work on Butter Making		0 25
...n. Saunders	Insects injurious to fruits	Illustrated	3 00
...y's	How Plants Grow	Illustrated	1 00
...y's	Lessons and Manual of Botany (in one	Illustrated	3 0
...derson's	Gardening for profit		1 7
...derson's	Gardening for pleasure		1 7
...derson's	Practical Floriculture		1 7
...derson's	Hand Book of Plants		4
...derson's	Window Flower Garden		1
	Tobacco Culture paper)		0
...dle's	Canadian Fruit Flower and Kitchen Gardener	Illustrated and with Chromos	2
	The Country Gentleman	Per annum	3 00
...berson's	Art of Teaching	Plates	0 60
H. Lynch	cientific Dairy Practice, or Profitable Dairy Agriculture for Canadian Farmers		0 25
...E. M. Jones	Dairying for Profit, or the Poor Man's Cow		0 30

FRENCH.

	Culture Maraichères	40 Engr	0 20
	Physique des Champs	95 "	0 20
	Chimie des Champs	65 "	0 20
	Les Engrais	12 "	0 20
Saffray	Remèdes des Champs, Vol I		0 20
Saffray	" " Vol II		0 20
	Le Vacher et le Bouvier	23 Engr	0 20
	Le Berger	23 "	0 20
	La Basse-Cour	14 "	0 20
	Les Abeilles	17 "	0 20
	La Médecine à la Maison	53 "	0 20
	La Cuisine de la Petits Ménages	11 "	0 20
	Les moyens de vivre longtemps	53 "	0 20
G. Laroque	Manuel d'Horticulture Pratique		0 50
G. Laroque	Culture et Préparation du Tabac		0 20
...nonse Kerr	Voyage autour de mon Jardin		0 50
	Petit Traité sur le Dessèchement et le Drainage des Terres, par E. A. Barnard, directeur de l'Agriculture, P. Q.		

The Number of Plants, Trees, &c., required to set an acre.

Distance.	*Number*	*Distance*	*Number.*	*Distance.*	*Number.*
...ft. by 1 ft	43 560	2 ft. by 4 ft	5,445	15 ft. by 15 ft	149
...ft. by 1½ ft	19 460	4 ft. by 4 ft	2,722	18 ft by 18 ft	134
...ft. by 2 ft	10 890	5 ft. by 5 ft	1,742	20 ft. by 20 ft	109
...½ ft by 2½ ft	6,970	6 ft. by 6 ft	1,210	25 ft. by 25 ft	70
...ft. by 1 ft	14 520	9 ft by 2 ft	537	30 ft. by 30 ft	40
...ft. by 2 ft	7 260	12 ft. by 12 ft	302	40 ft. by 40 ft	27

Quantity of Seed required to sow an acre.

Beans, Dwarf, in drills, 2½ feet apart	1 bush	Salsify, in drills	3 to 4 lbs
" Pole in hills, 3 by 3 feet apart	6 to 8 qts	Spinach, in drills	10 to 13 lbs
Beets, in drills	5 to 6 lbs	Squash, bush varieties in hills	4 to 6 lbs
Cabbage, in beds, to transplant	¼ lb	" running varieties, in hills	3 to 4 lbs
Carrot, in drills	3 to 4 lbs	Tomato, to transplant	¼ lb
Corn, in hills 3 by 3 feet apart	8 to 10 qts	Turnip, in drills	2 to 4 lbs
" for soiling	½ bush	" broadcast	2 to 4 lbs
Cucumber, in hills	2 lbs	Barley "	2 to 3 bush
Mustard, broadcast	1½ bush	Broom Corn, in hills	8 to 10 lbs
Melon Musk, in hills	2 to 3 lbs	Clover, Red, alone	15 to 20 lbs
" Water, in hills	2 to 3 lbs	" White, alone	12 to 15 lbs
Onion, in drills	5 to 6 lbs	" Alsike, alone	12 to 15 lbs
Onion Sets, in drills	60 to 120 lbs	" Lucerne, alone	30 lbs
Parsnip in drills	3 to 4 lbs	Grass, mixed lawn	30 to 50 lbs
Peas, in drills	1½ bush	Oats, broadcast	2 to 3 bush
" broadcast	3 bush	Rye "	1½ to 2 bush
Potatoes (cut rubers)	8 bush	Vetches "	2 to 3 bush
Pumpkin, in hills	3 to 6 lbs	Wheat "	1½ to 2 bush
Radish, in drills	6 to 8 lbs	Timothy, alone	15 to 20 lbs
Sage, in drills	8 to 10 lbs	Millet	15 to 20 lbs

Quantity of Seed required for a given number of Plants, number of Hills or Length of Drill.

Asparagus	1 oz to 60 ft of drill	Melon, Musk	1 oz to 65 hills	Squash, Early	1 oz to 50 hills
Beet	1 oz to 10 ft "	Okra	1 oz to 40 ft of drill	" Marrow	1 oz to 30 "
Beans, Dwarf	1 qt to 100 ft "	Onion	1 oz to 100 ft "	Turnips	1 oz to 100 ft of drill
" Pole	1 qt to 150 hills	" Sets, small	1 lb to 100 ft "	Cabbage	1 oz to 2000 plants
Carrot	1 oz to 150 ft of drill	Parsley	1 oz to 150 ft "	Cauliflower	1 oz to 2000 "
Cucumber	1 oz to 50 hills	Parsnips	1 oz to 200 ft "	Celery	1 oz to 3000 "
Corn	1 qt to 200 hills	Peas	1 pint to 100 ft "	Egg Plant	1 oz to 1000 "
Dandelion	1 oz to 200 ft of drill	Pumpkin	1 oz to 40 hills	Lettuce	1 oz to 3000 "
Endive	1 oz to 150 ft "	Radish	1 oz to 100 ft of drill	Pepper	1 oz to 1000 "
Leek	1 oz to 100 ft "	Salsify	1 oz to 70 ft "	Tomato	1 oz to 1500 "
Melon, Water	1 oz to 30 hills	Spinach	1 oz to 100 ft "		

Table of Weights and Measures of Farm Products.

Apples, dried	24 lbs	Corn Meal	50 lbs	Pop Corn	60 lbs
" green	50 "	" Malt	40 "	Rape Seed	50 "
Barley, Malt	43 "	English Rye Grass	20 "	Red Top Grass	14 "
"	48 "	Flax Seed	56 "	Rye	56 "
Beans	60 "	Hemp	44 "	" Malt	40 "
Blue Grass	14 "	Hungarian Grass	48 "	Split Peas	60 "
Bran	20 "	Millet Seed	48 "	Sorghum	42 "
Broom Corn	50 "	Oats	34 "	Top Onion Sets	28 "
Buckwheat	48 "	Onions	57 "	Turnips	57 "
Castor Beans	46 "	Orchard Grass	14 "	Tares or Vetches	60 "
Clover Seeds, all kinds	60 "	Peas	60 "	Timothy Seed	45 "
Corn, Shelled	56 "	Potatoes	60 "	Wheat	60 "
" in the ear	50 "	" Sweet	60 "		

Seeds Fertilizers and Agricultural Implements: